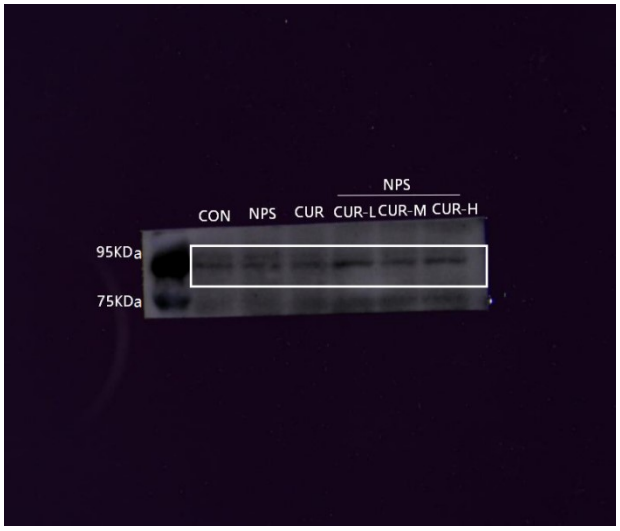
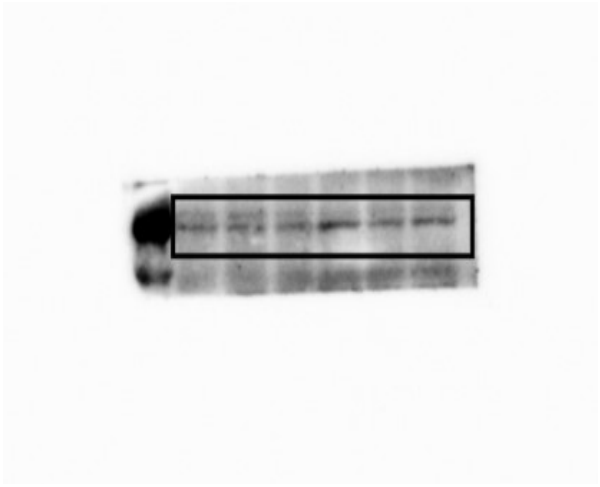
Mouse renal tissue

(CON,NPS,CUR,NPS+CUR-L,NPS+CUR-M,NPS+CUR-H)

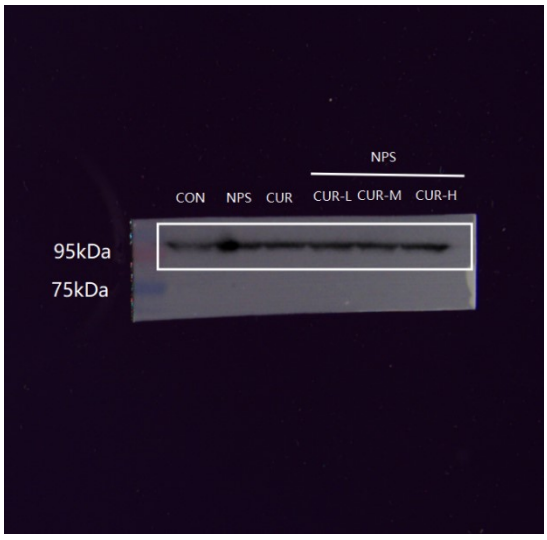
*inflammation*

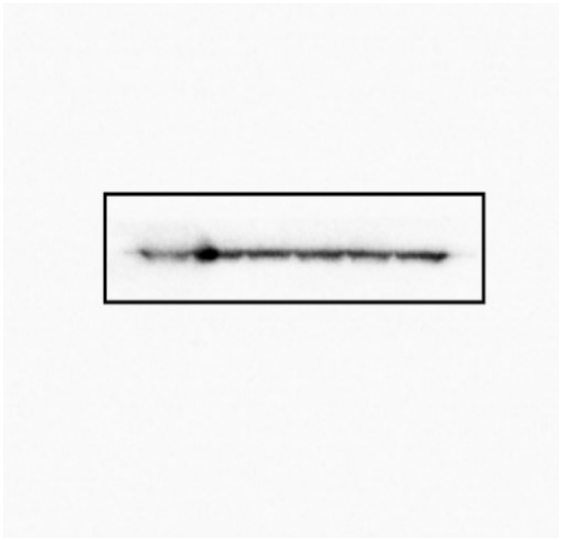
1.IKK



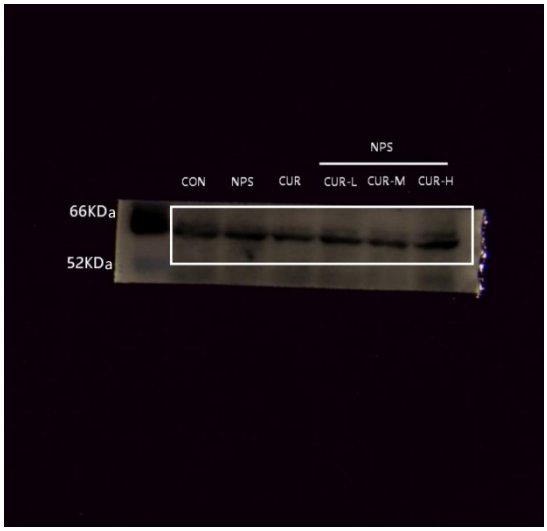



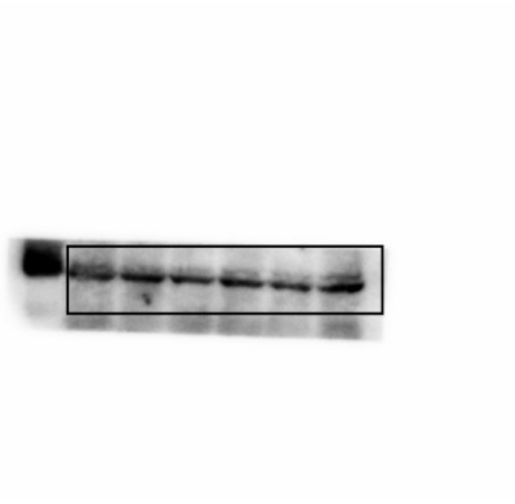
2.P-IKK



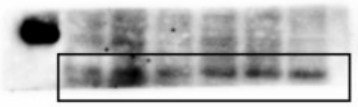
3.P65


NPS
CON
NPS
CUR
CUR-L
CUR-M
CUR-H
66KDa
52KDa

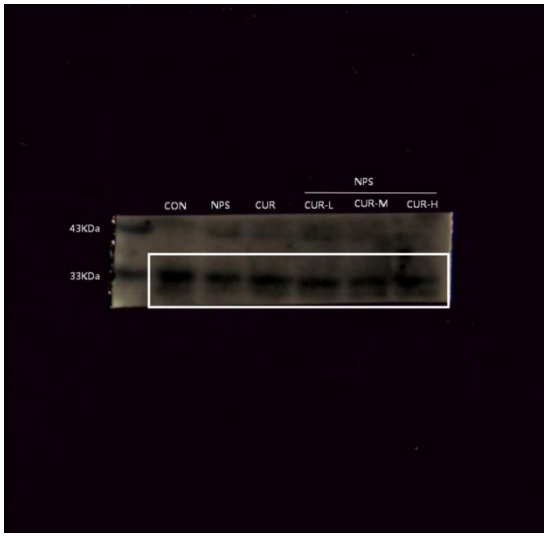


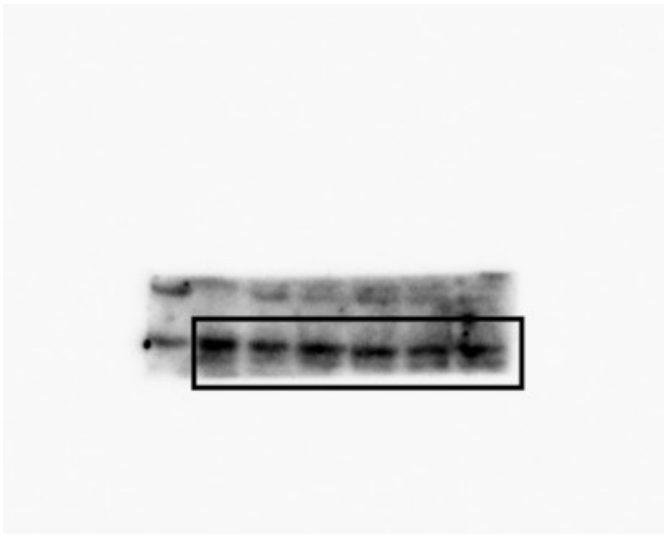
4.P-P65


NPS
CON
NPS
CUR
CUR-L
CUR-M
CUR-H
66KDa
52KDa

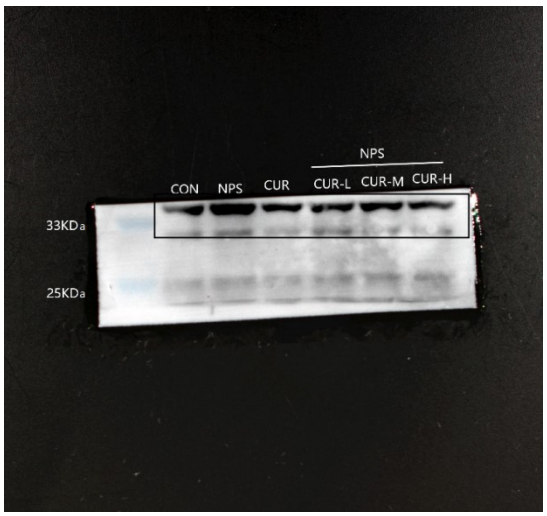


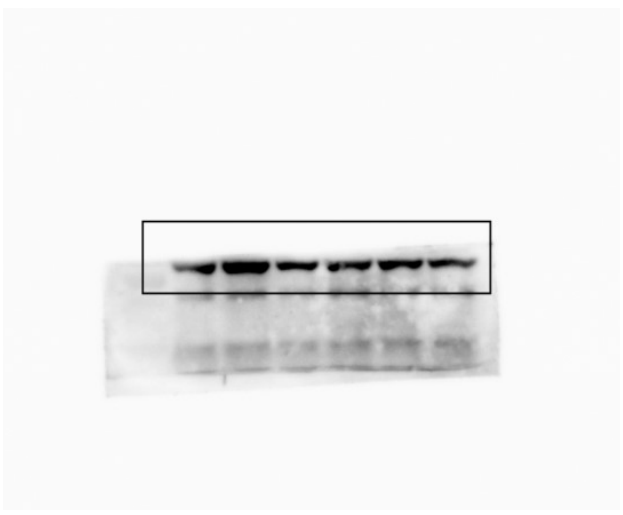
5.IKB α



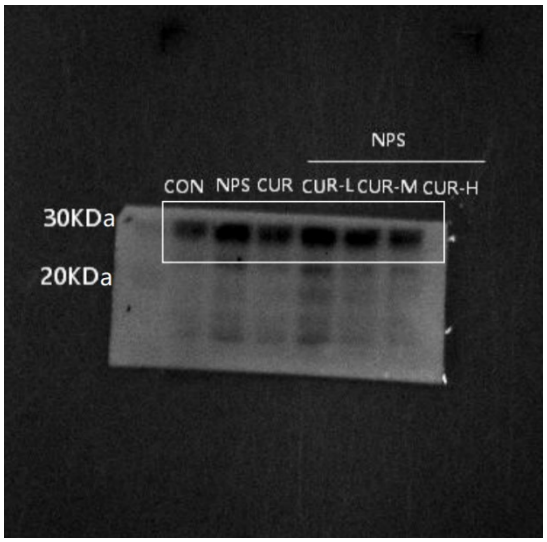



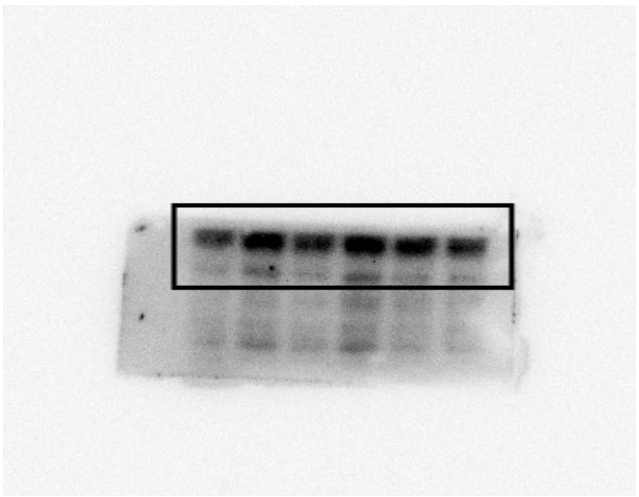
6.P-IKB α



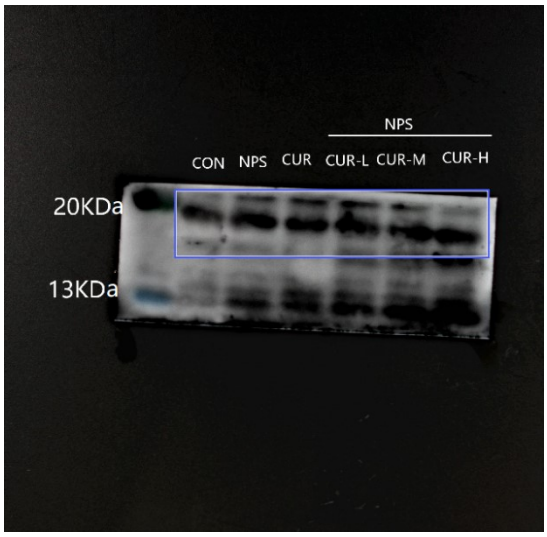



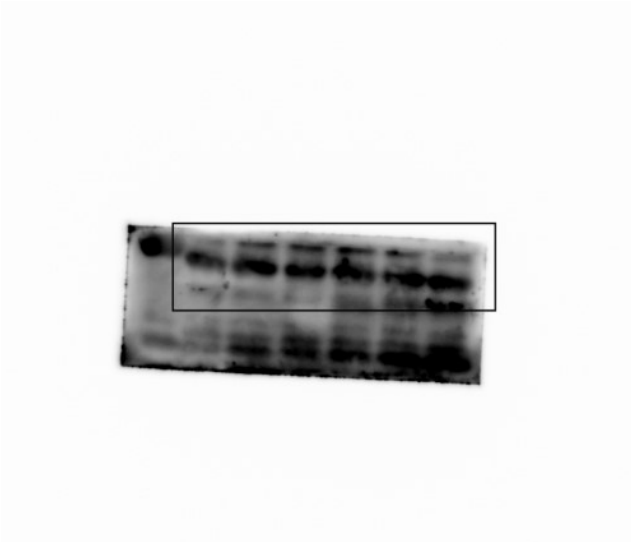
7.TNF- α



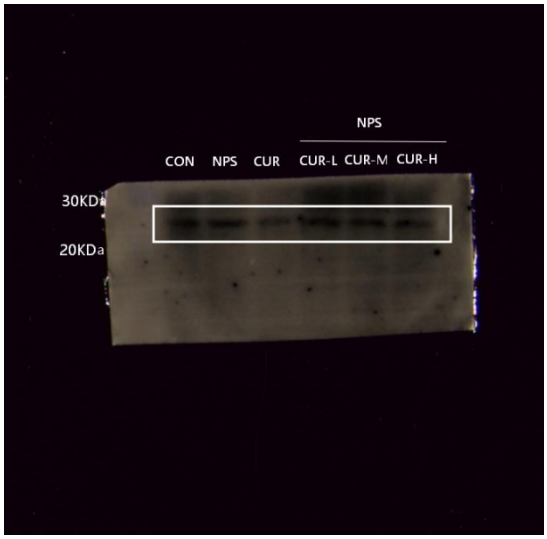



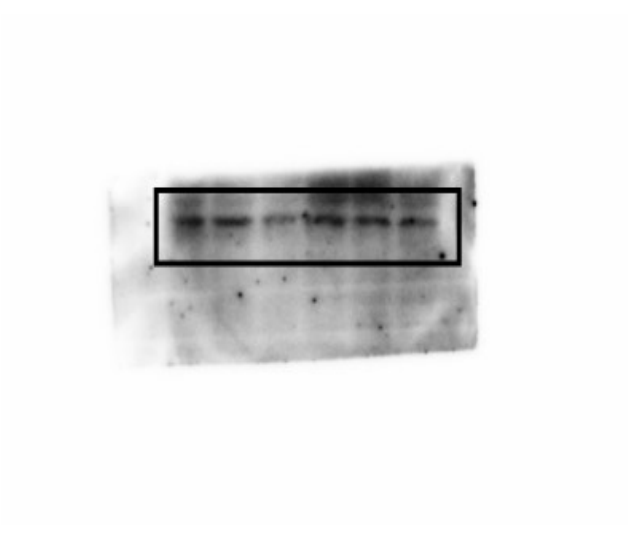
8.IL-1 β



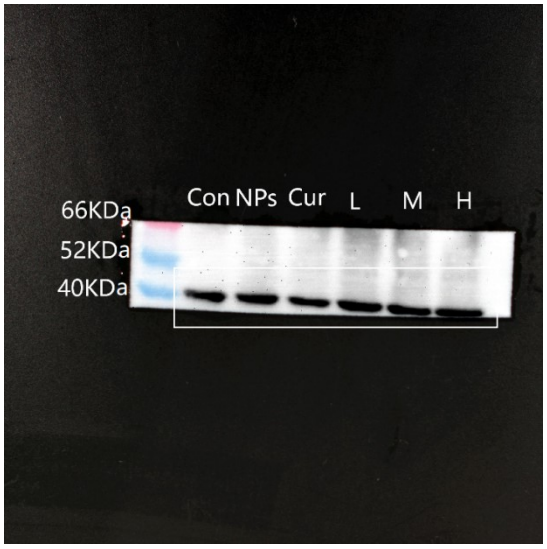



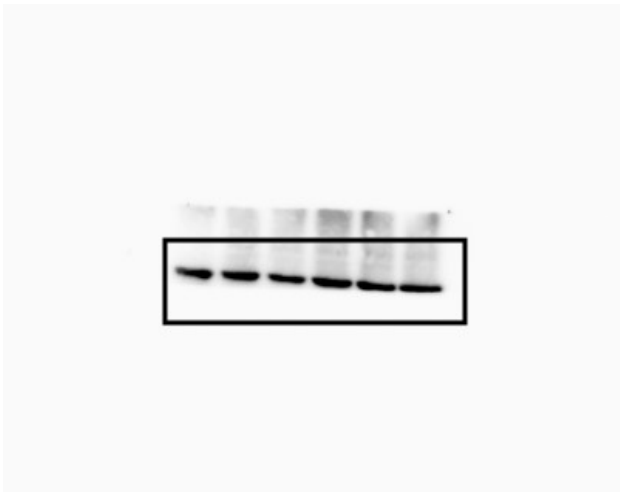
9.IL-6



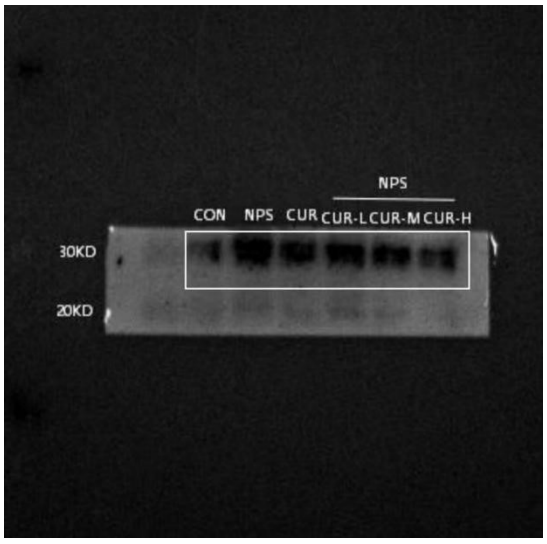
10. β -actin

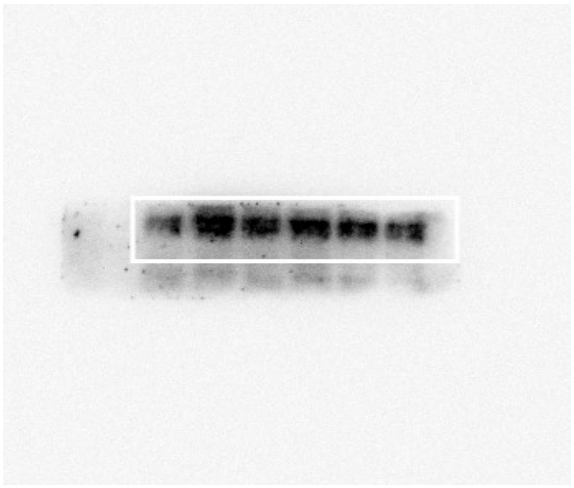


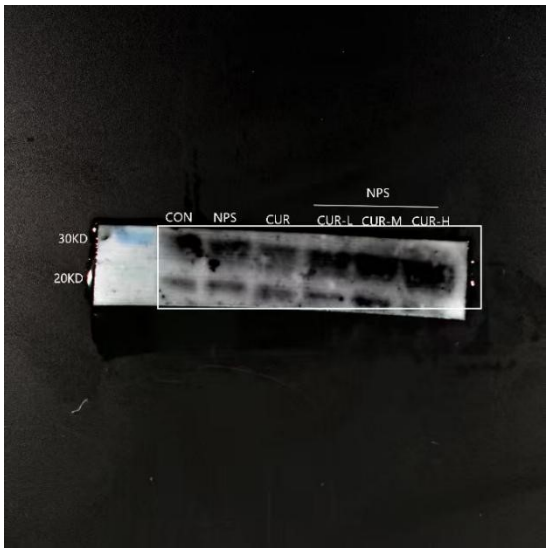
*Apoptosis*

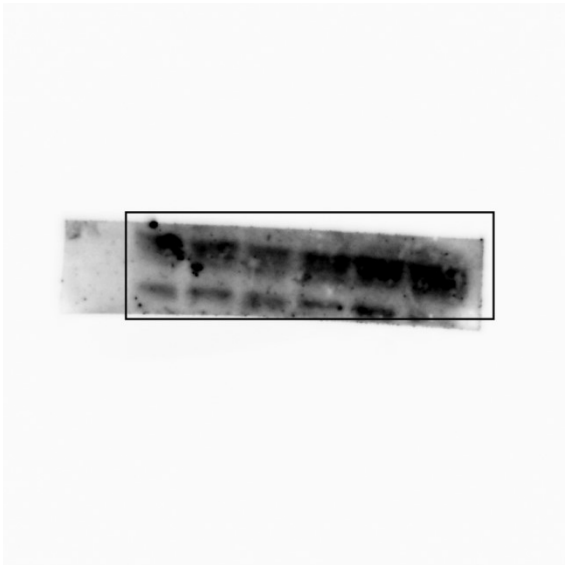
1.BAX



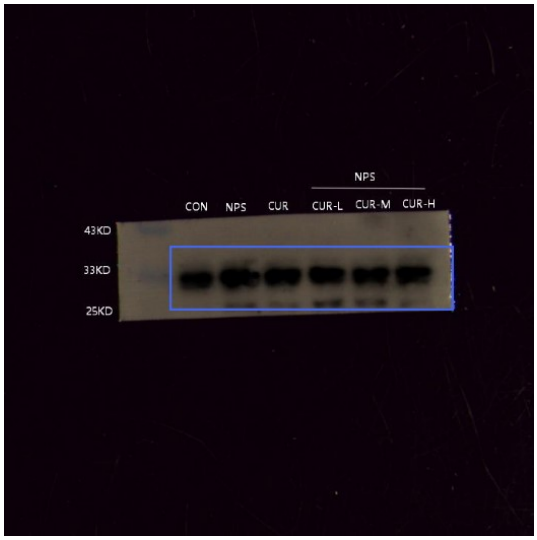



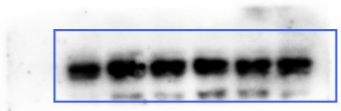
2.BCL-2



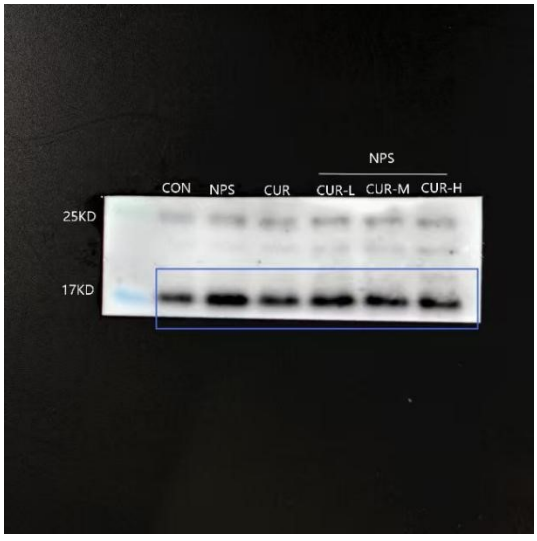



3.caspase-3

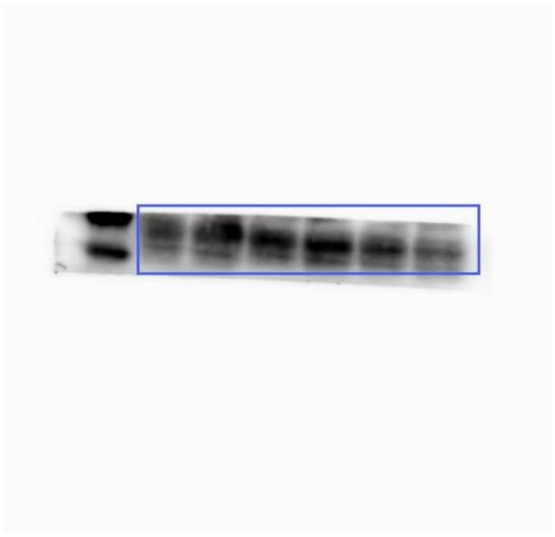


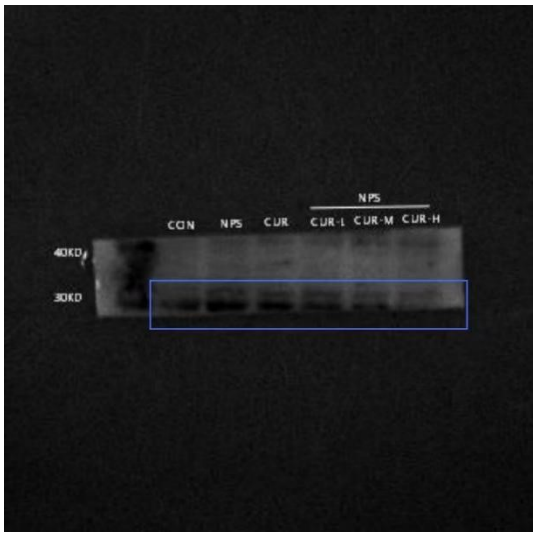
4.cleaved caspase 3

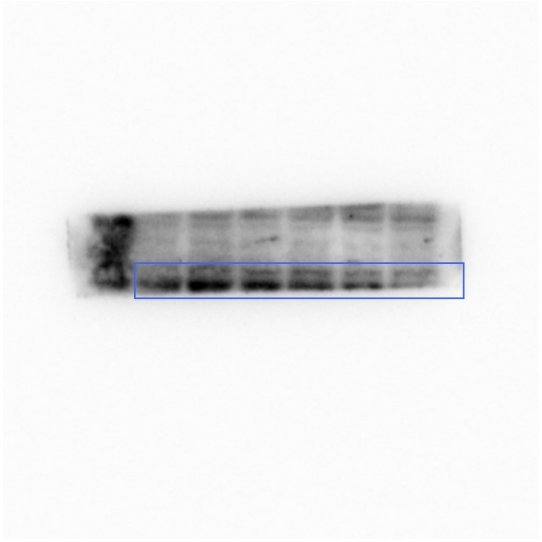



5.caspase-9

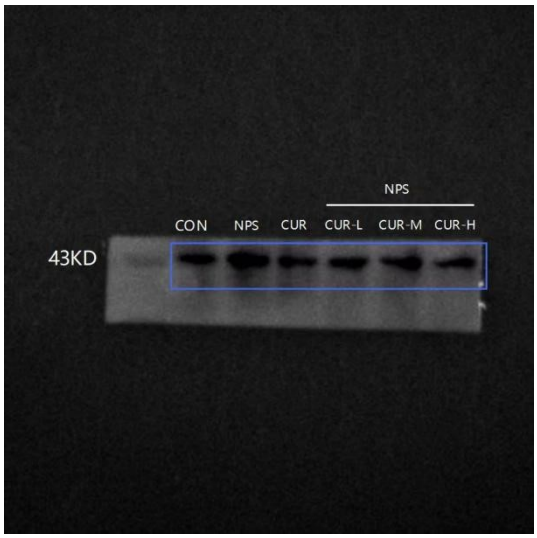



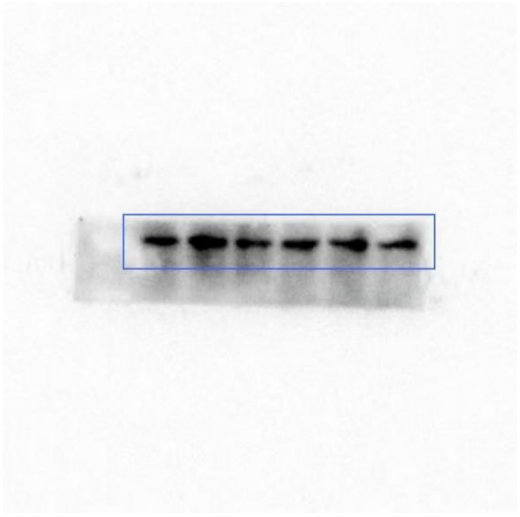
6.cleaved caspase-9



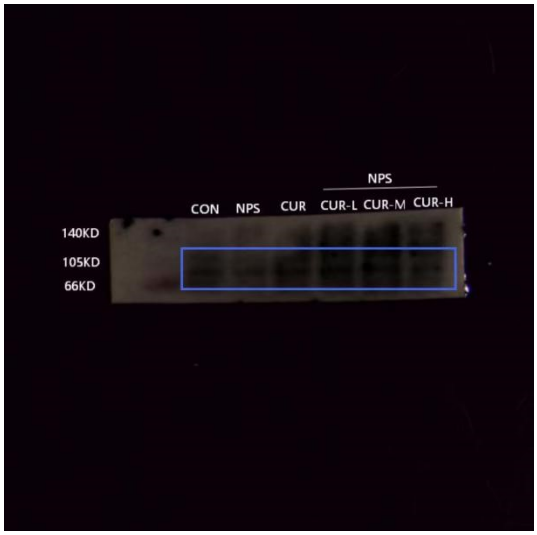
7. β -actin

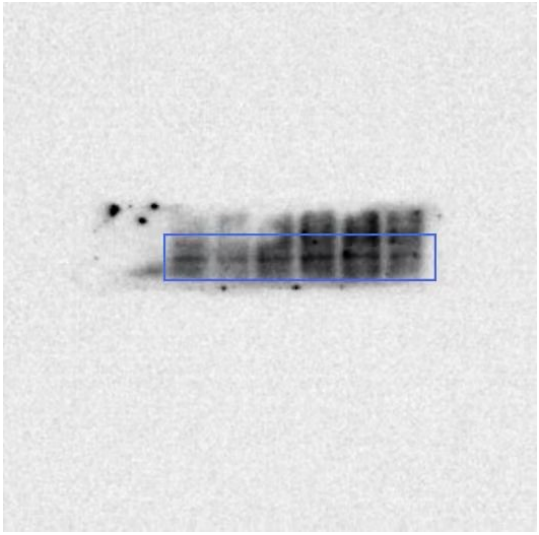




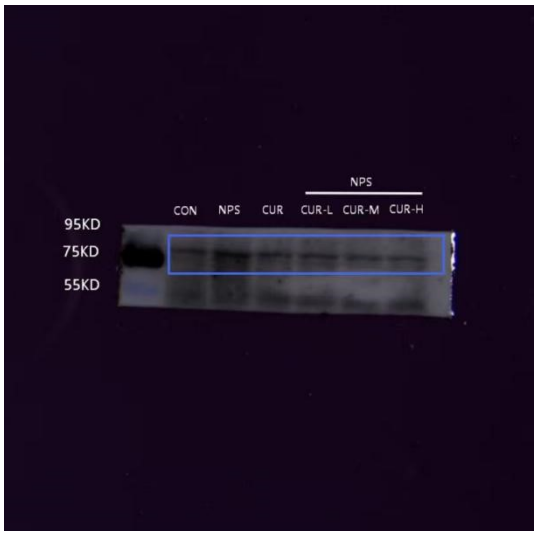
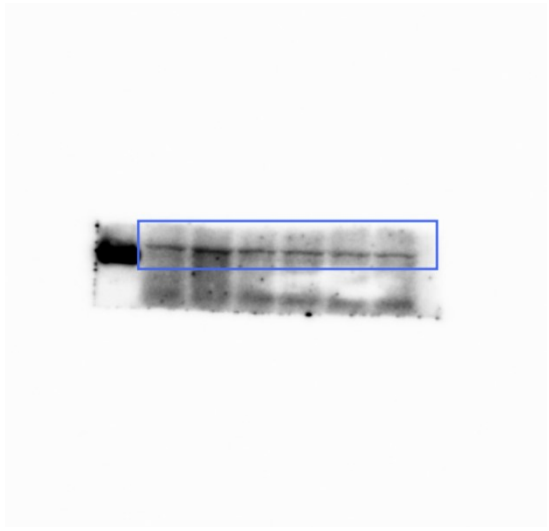
*PI3K/AKT signaling pathway*

1.PI3K

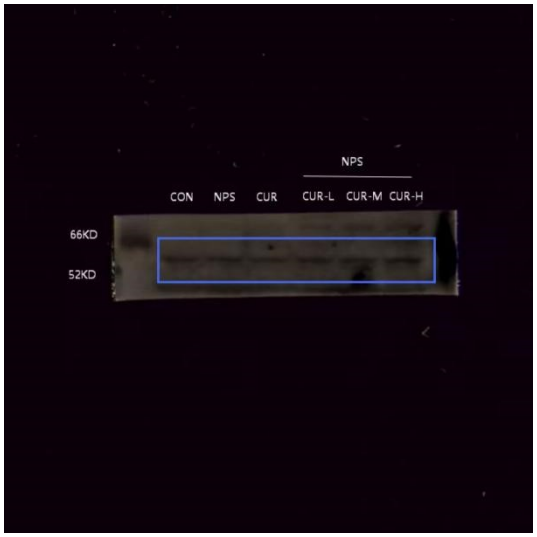
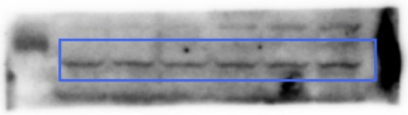




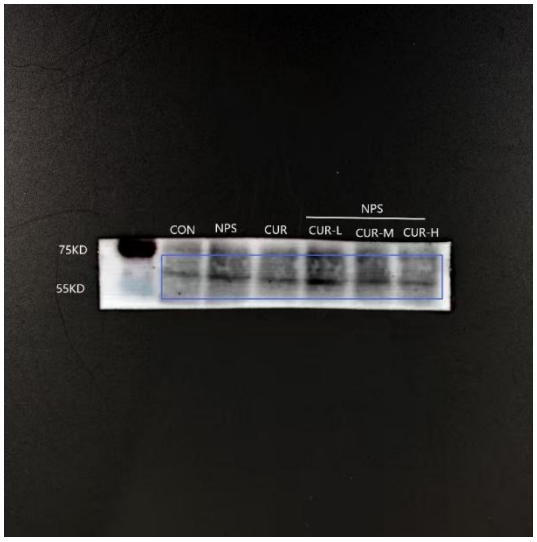
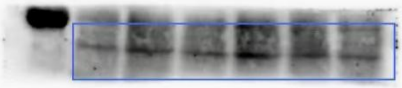
2.P-PI3K


NPS
CON NPS CUR CUR-L CUR-M CUR-H
95KD
75KD
55KD


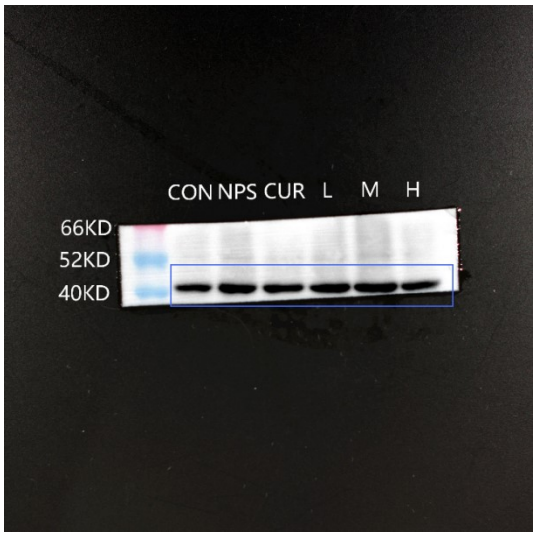
3.AKT

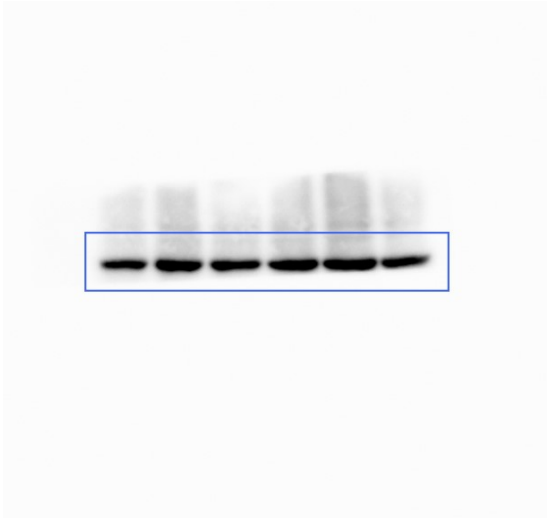

NPS
CON NPS CUR CUR-L CUR-M CUR-H
66KD
52KD


4.P-AKT


NPS
CON NPS CUR CUR-L CUR-M CUR-H
75KD
55KD


5. β -actin



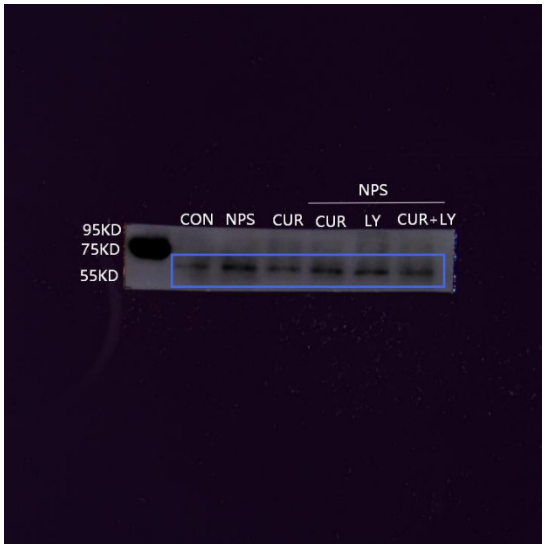
*TCMK-1 cells*

*(CON,NPS,CUR,NPS+CUR,CUR+LY,NPS+CUR+LY)*

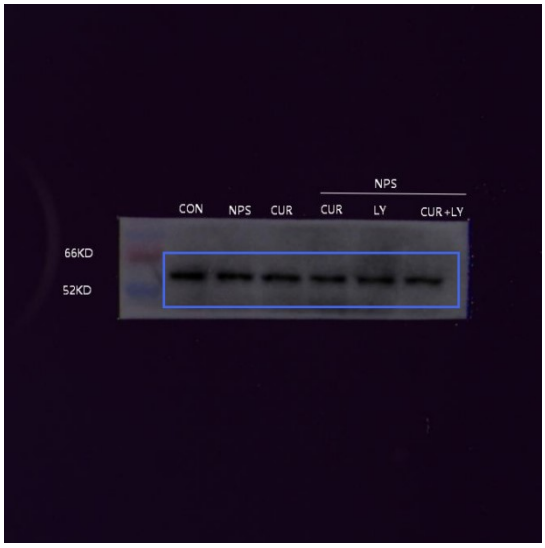
*Signal pathway indicators*

1.PI3K

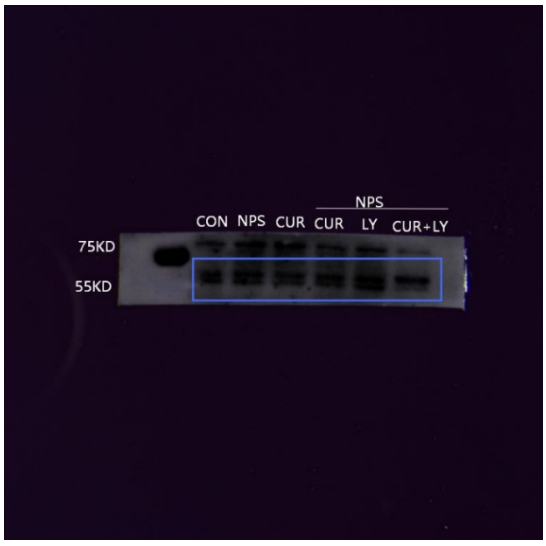

2.P-PI3K


NPS
CON NPS CUR CUR LY CUR+LY
95KD
75KD
55KD

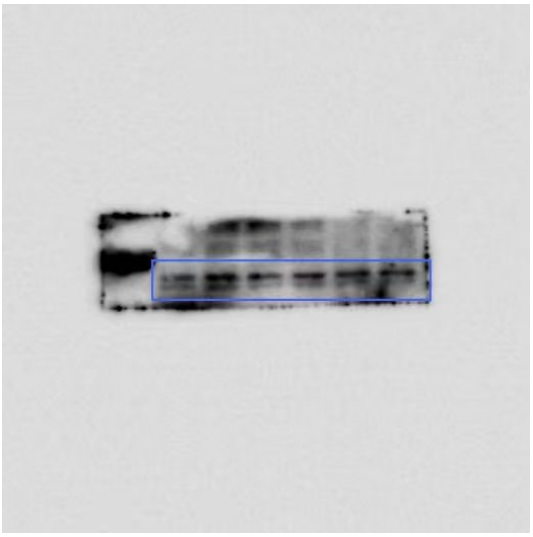
3.AKT


NPS
CON NPS CUR CUR LY CUR+LY
66KD
52KD

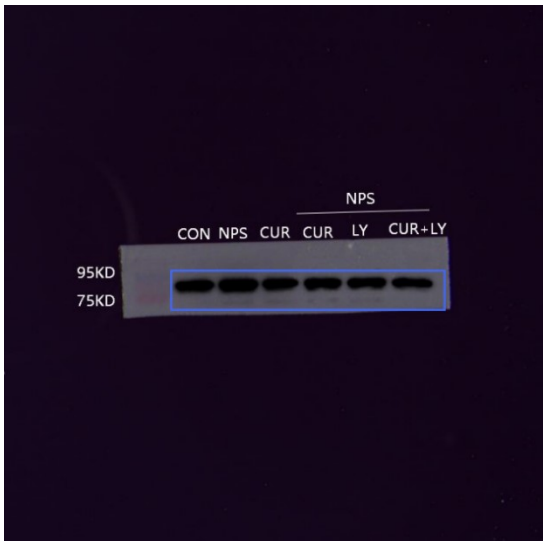
4.P-AKT

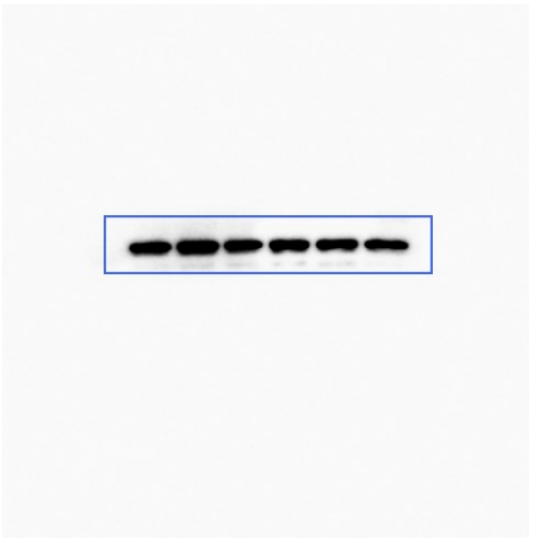

NPS
CON NPS CUR CUR LY CUR+LY
75KD
55KD

5.IKK

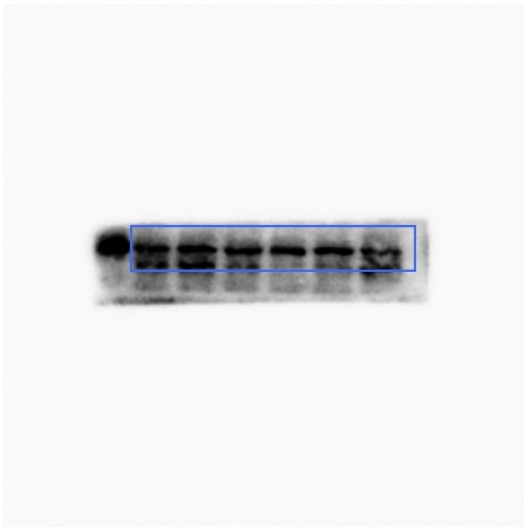



6.P-IKK

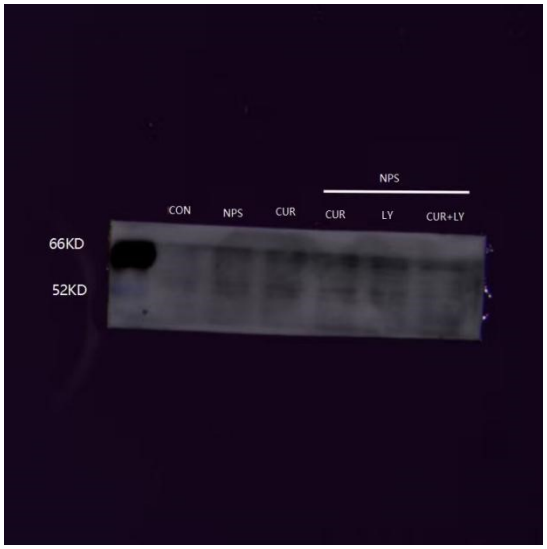


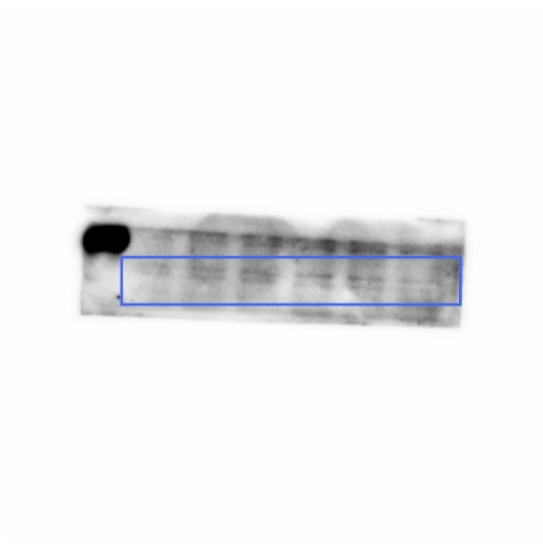



7.P65

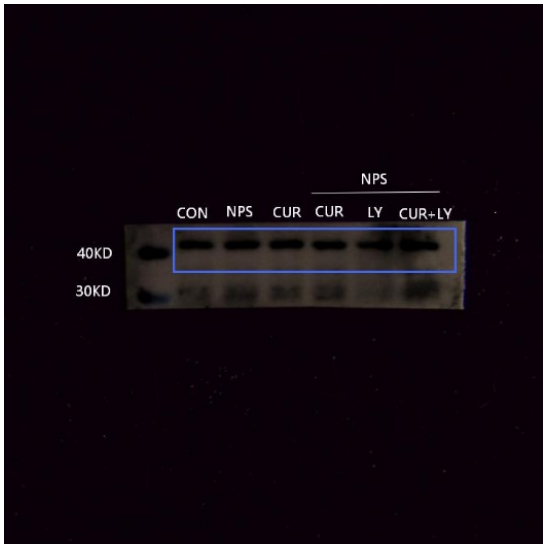



8.P-P65



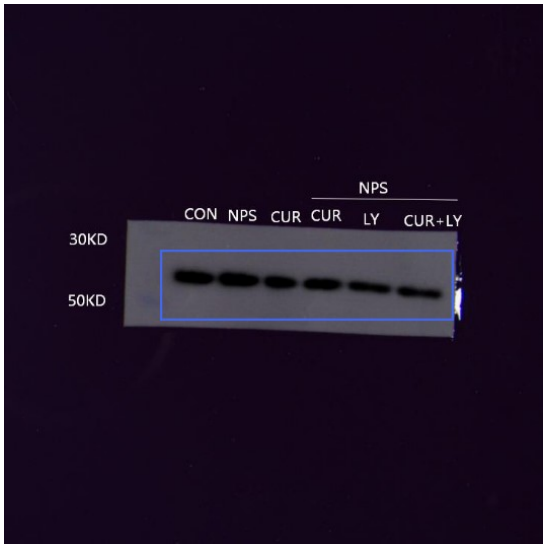



9. β -actin

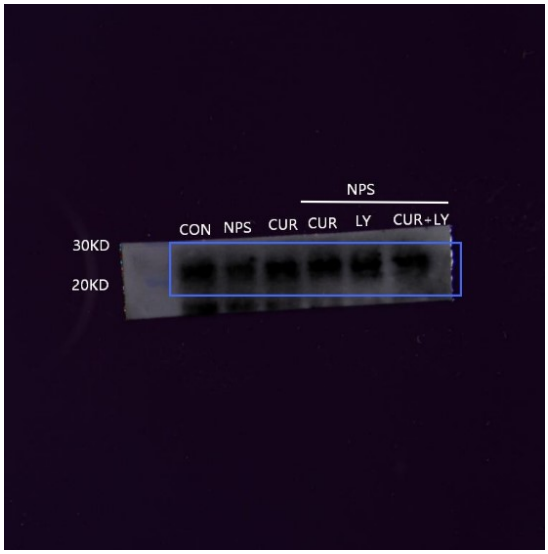


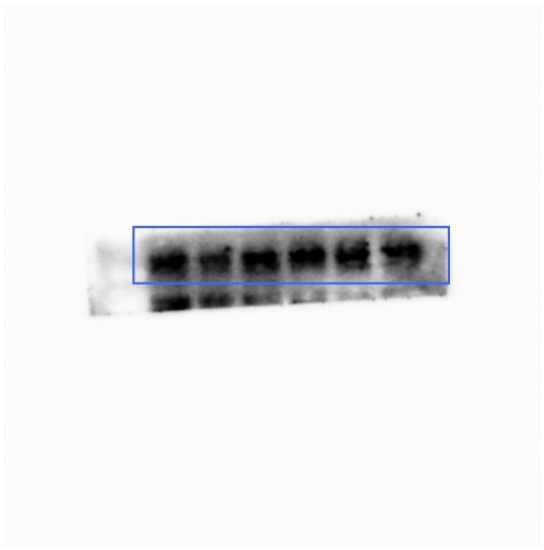

*apoptosis markers*

1.BAX

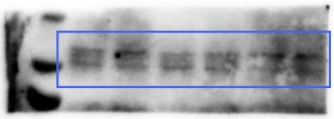



2.BCL-2

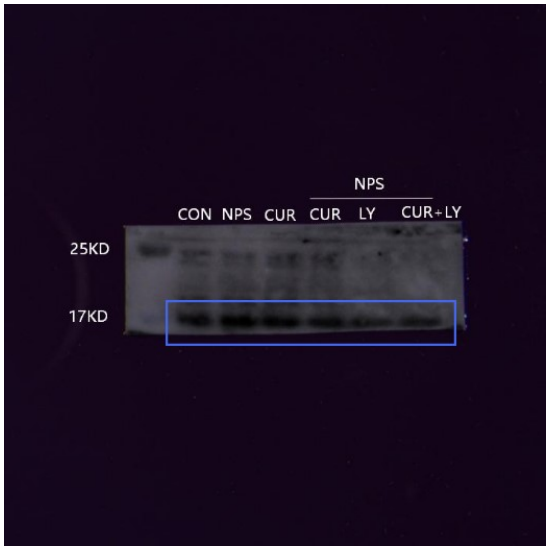


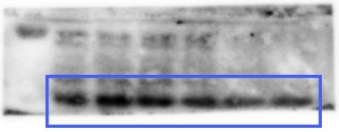



3.caspase-3

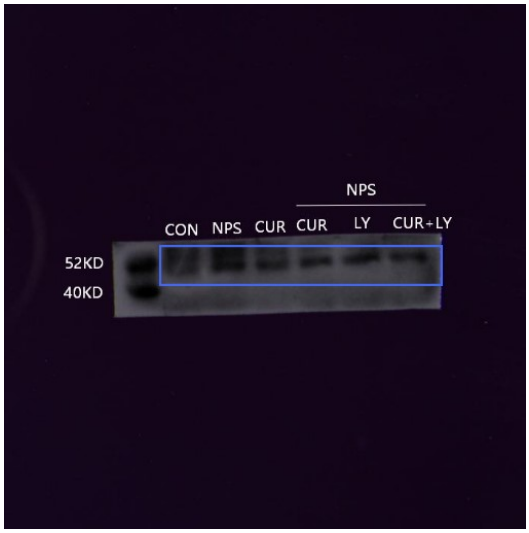



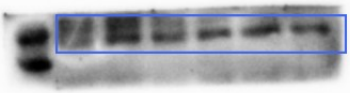
4.cleaved caspase 3



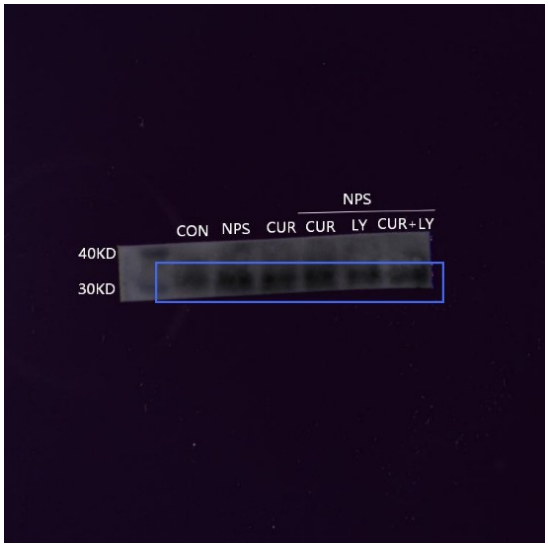



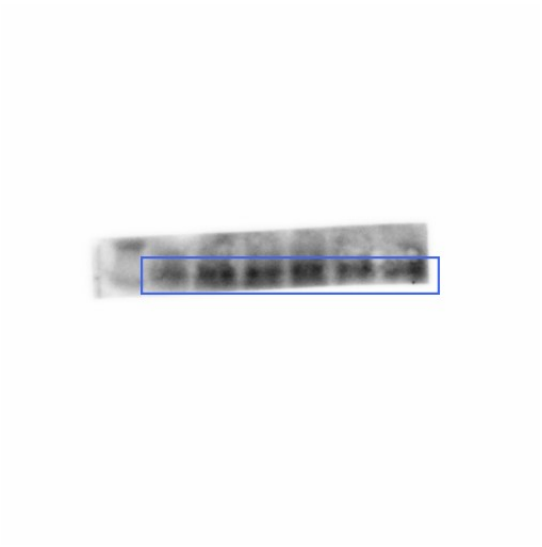
5.caspase-9



6.cleaved caspase-9



7. β -actin