

Therapeutic roles of D-pinitol on experimental colitis via activating Nrf2/ARE pathway and PPAR- γ

– Original images for WB

Contents

NMR spectra:	2
iNOS + COX-2.....	3
iNOS	3
COX-2	4
Nrf2/ARE pathway:	5
Nuclear Nrf2	5
Histone H3	6
Cytoplasmic Nrf2	7
Cytoplasmic Keap1	8
GCLC	9
GCLM.....	10
HO-1	11
NQO1	12
β -actin.....	13
PPAR- γ /NF- κ B pathway =	14
PPAR- γ	14
P-P65	15
P65	16
P-I κ B	17
I κ B	18
β -actin.....	19

NMR spectra:

Fig. 1 ^1H NMR spectrum of D-pinitol in $\text{DMSO-}d_6$.

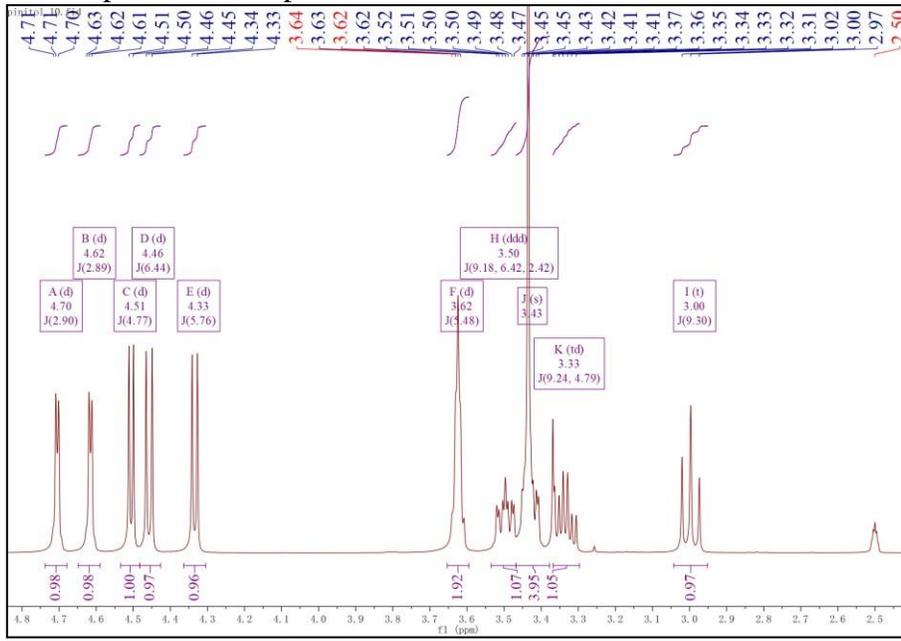
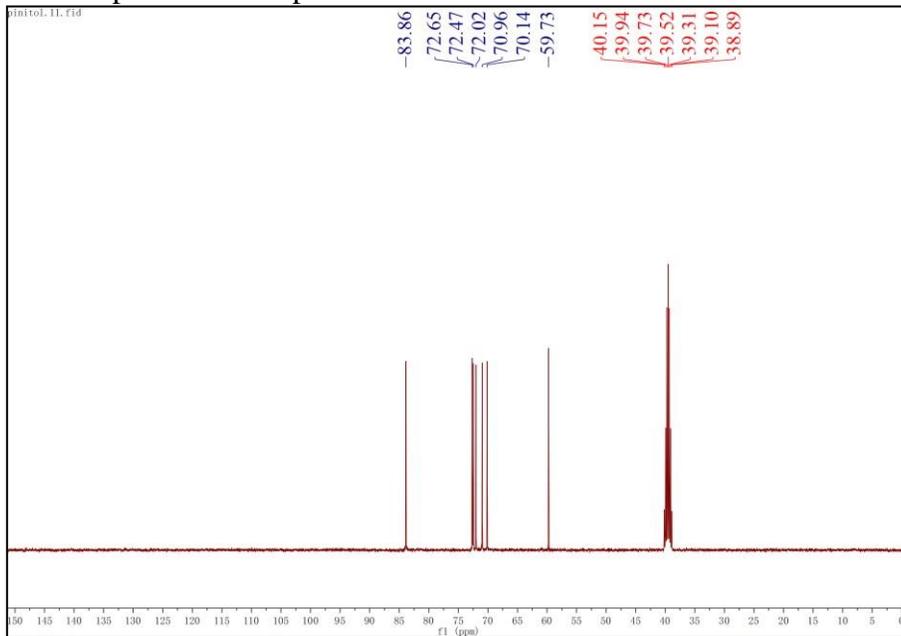


Fig. 2 ^{13}C NMR spectrum of D-pinitol in $\text{DMSO-}d_6$.



iNOS + COX-2

iNOS

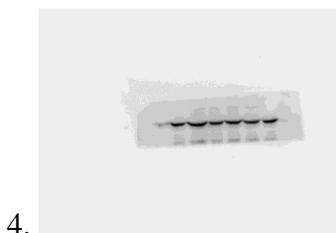


Fig. 3: Uncropped images for iNOS blots in the manuscript

COX-2

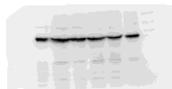
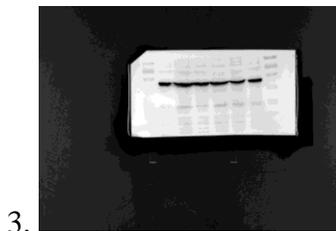
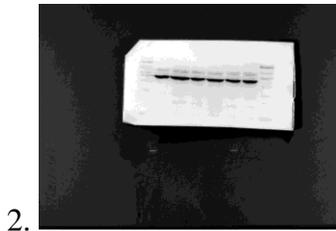
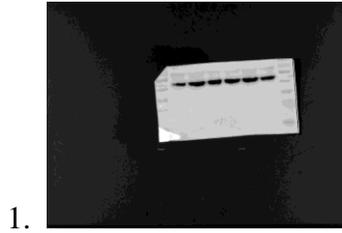


Fig. 4: Uncropped images for COX-2 blots in the manuscript

Nrf2/ARE pathway:

Nuclear Nrf2

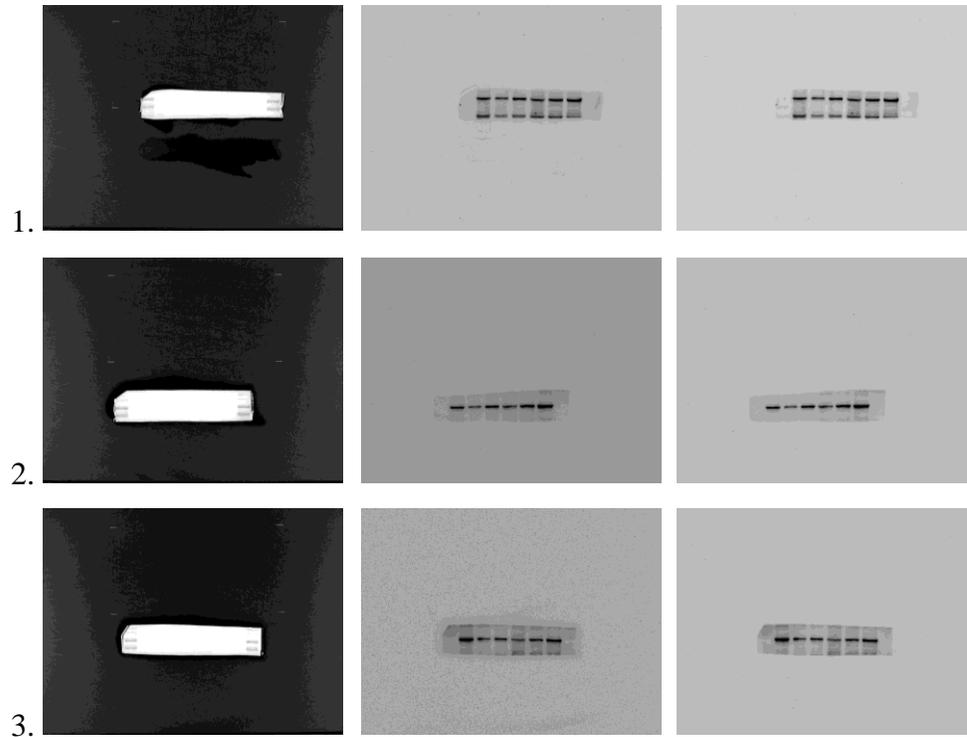


Fig. 5: Uncropped images for nuclear Nrf2 blots in the manuscript

Histone H3

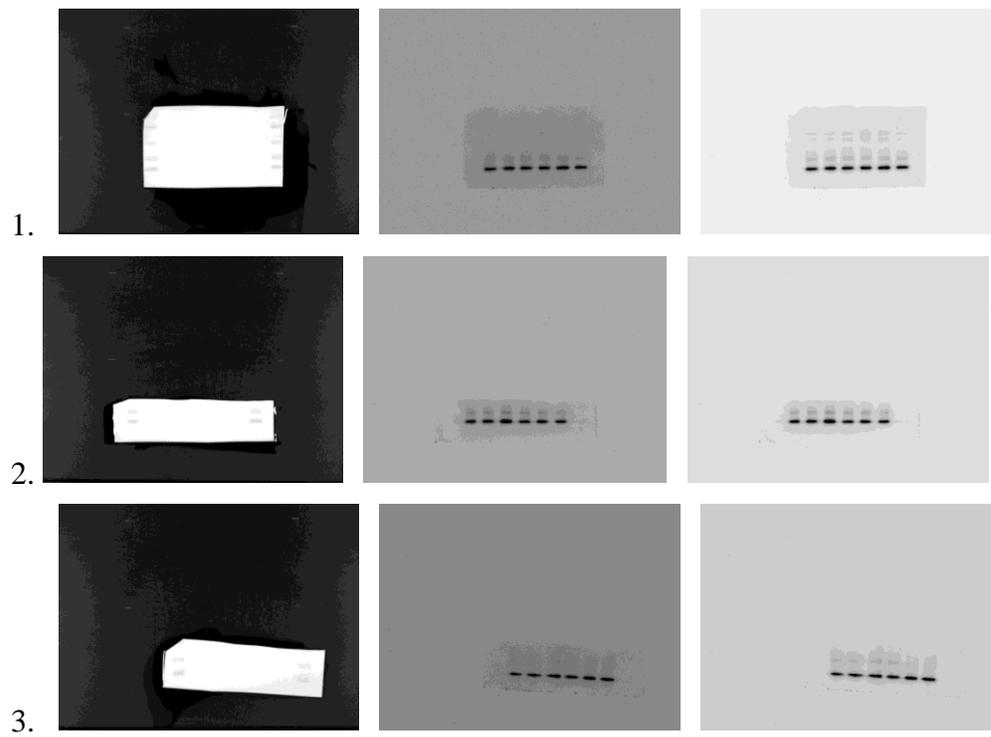


Fig. 6: Uncropped images for Histone H3 blots in the manuscript

Cytoplasmic Nrf2

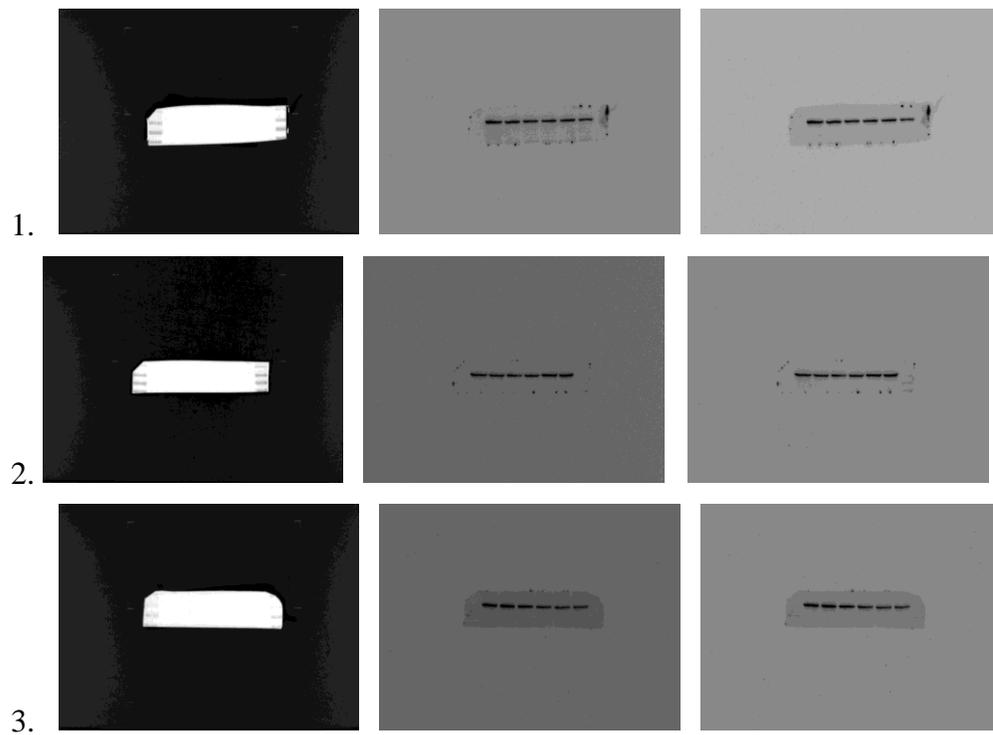


Fig. 7: Uncropped images for cytoplasmic Nrf2 blots in the manuscript

Cytoplasmic Keap1

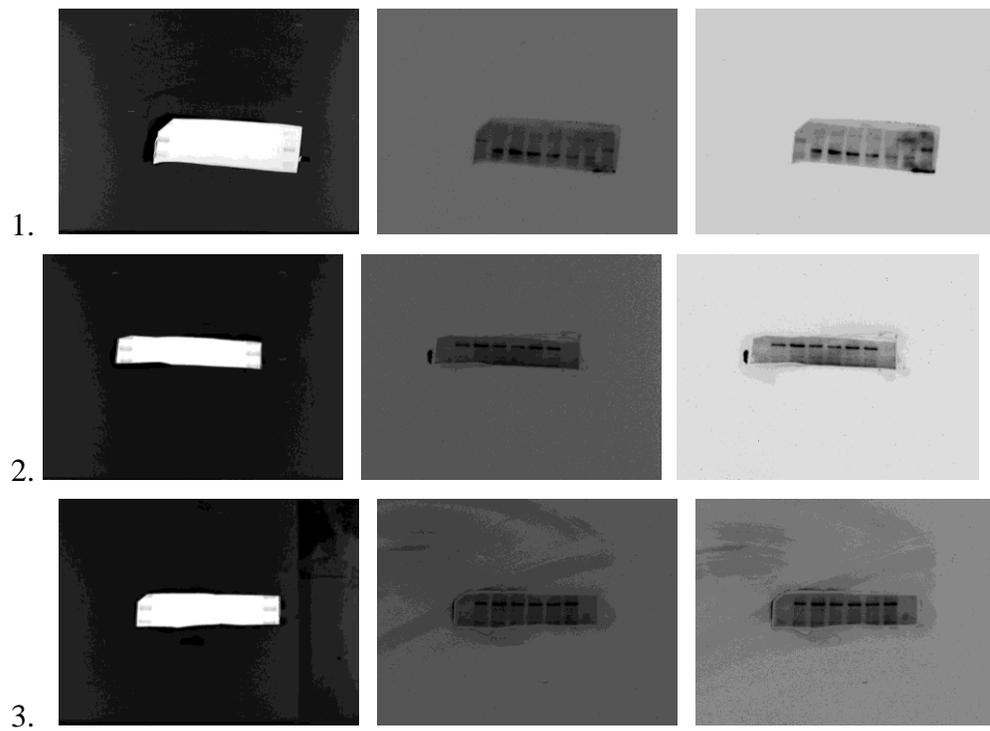


Fig. 8: Uncropped images for cytoplasmic Keap1 blots in the manuscript

GCLC

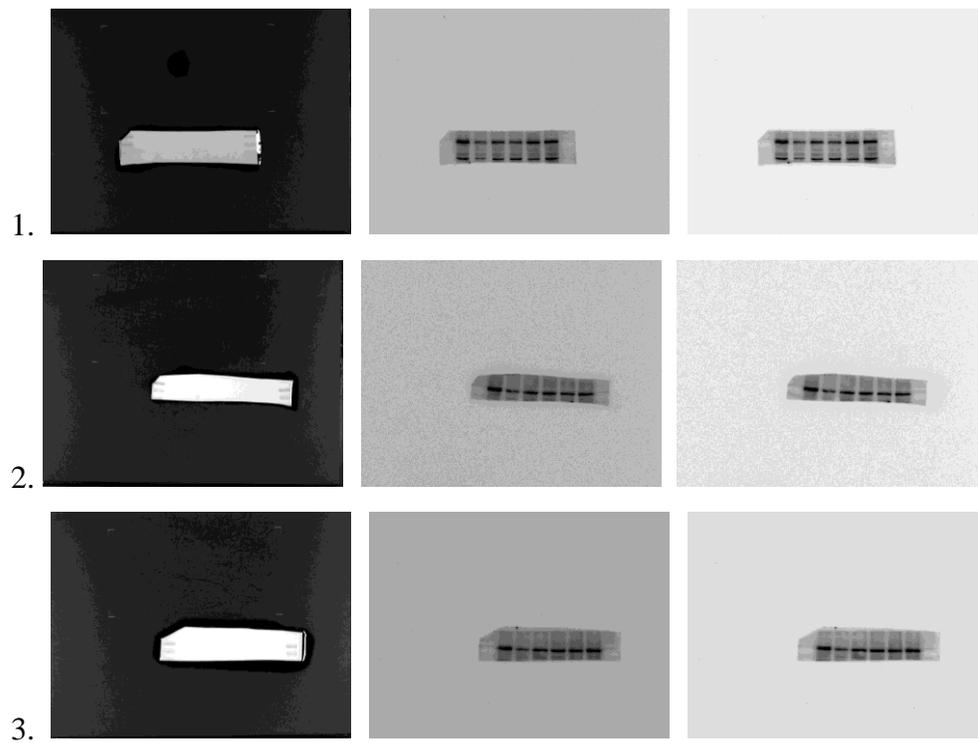


Fig. 9: Uncropped images for GCLC blots in the manuscript

GCLM

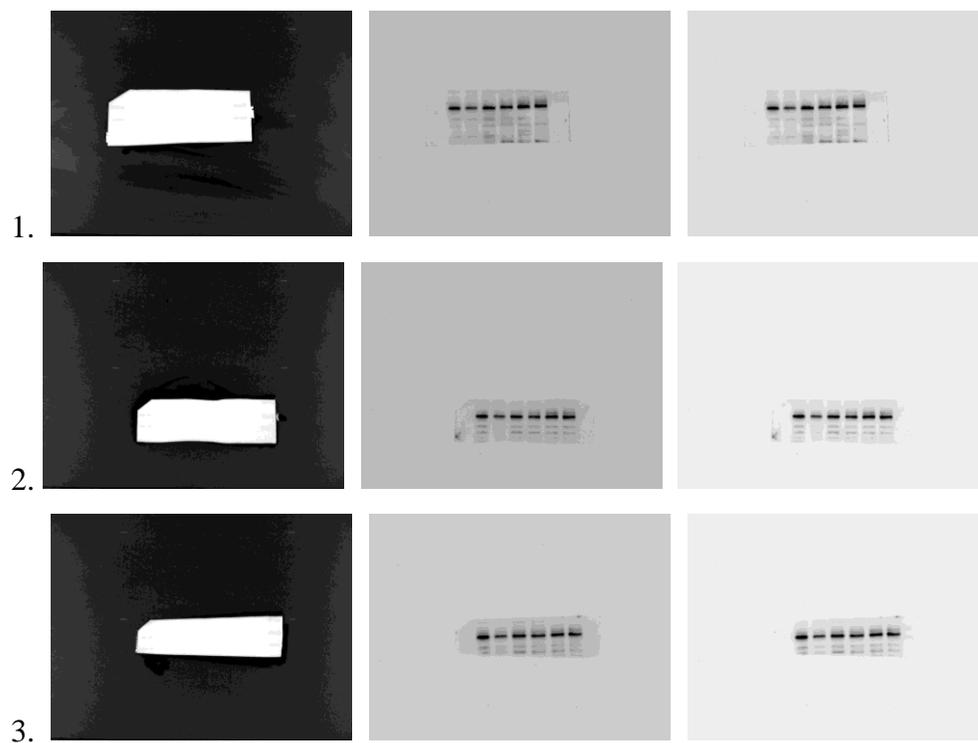


Fig. 10: Uncropped images for GCLM blots in the manuscript

HO-1

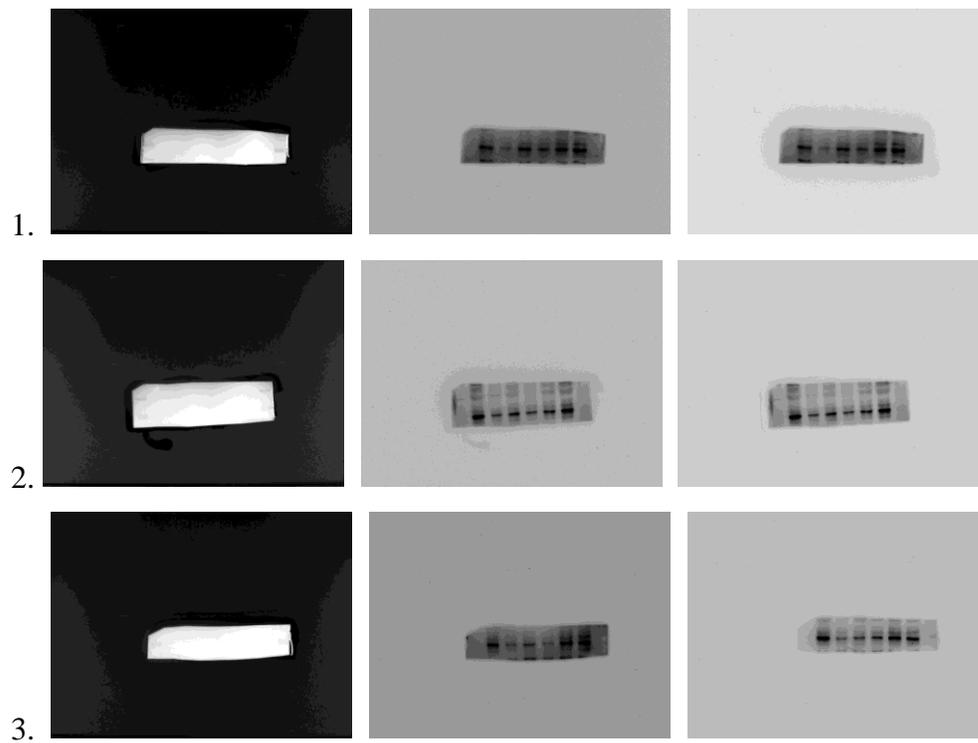


Fig. 11: Uncropped images for HO-1 blots in the manuscript

NQO1



Fig. 12: Uncropped images for NQO1 blots in the manuscript

β -actin

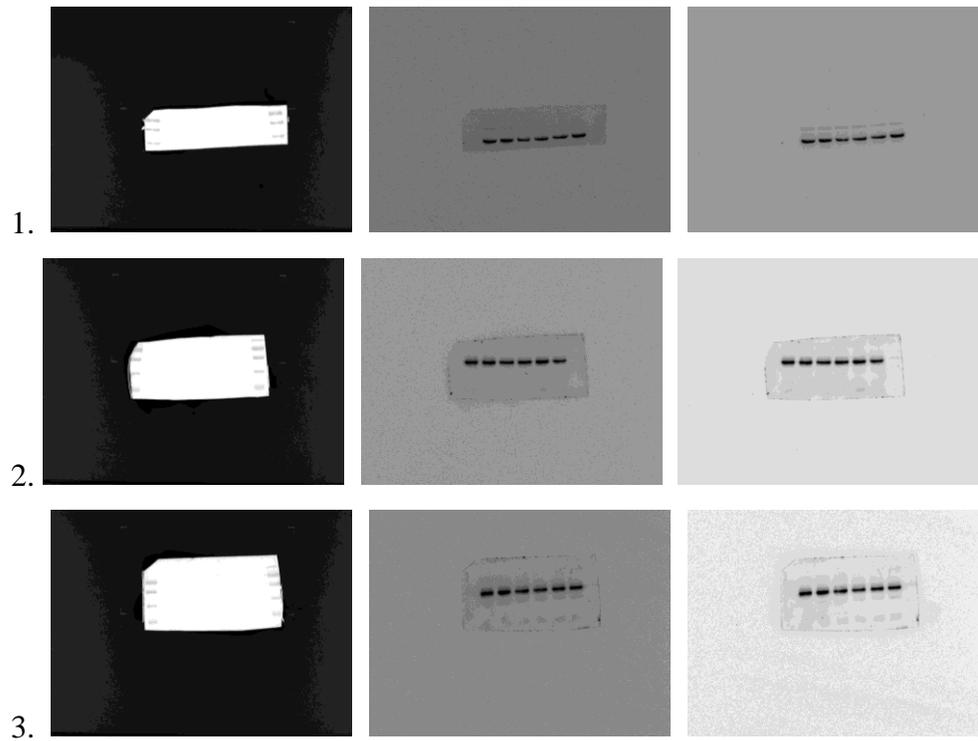


Fig. 13: Uncropped images for all the β -actin blots in the manuscript

PPAR- γ /NF- κ B pathway =

PPAR- γ

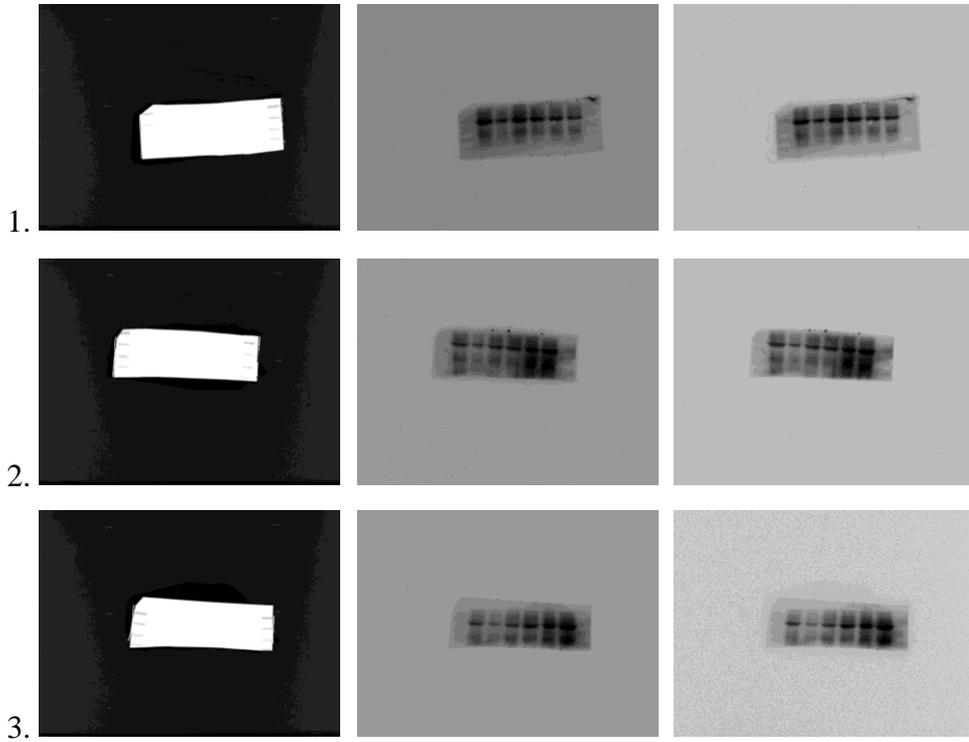


Fig. 14: Uncropped images for PPAR- γ blots in the manuscript

P-P65

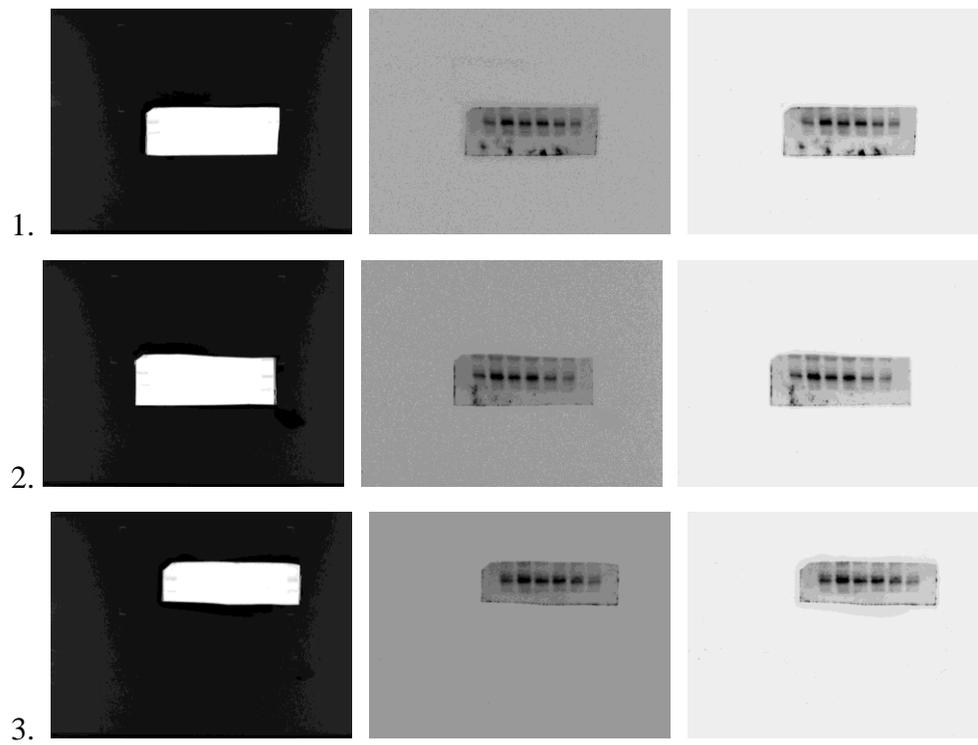


Fig. 15: Uncropped images for P-P65 blots in the manuscript

P65

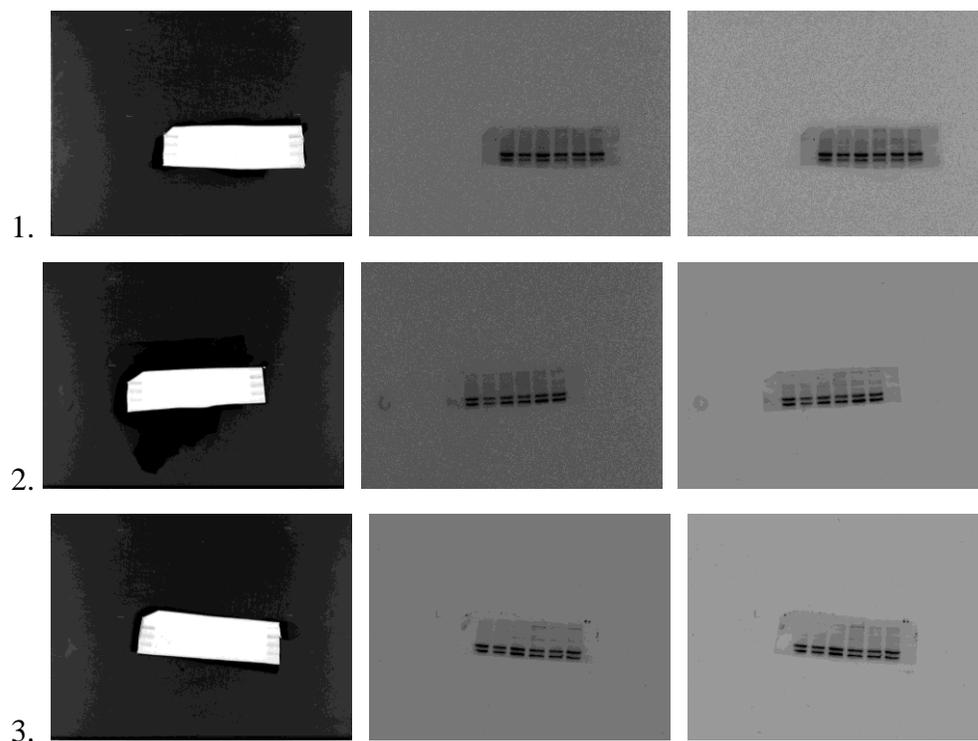


Fig. 16: Uncropped images for P65 blots in the manuscript

P-IκB

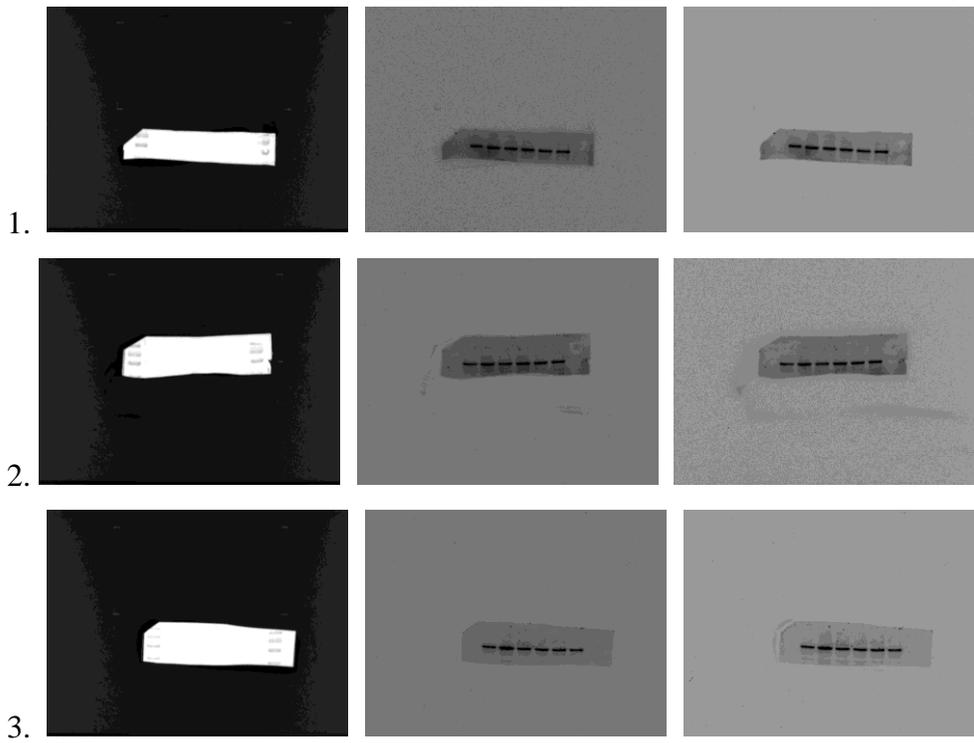


Fig. 17: Uncropped images for P-IκB blots in the manuscript

IκB

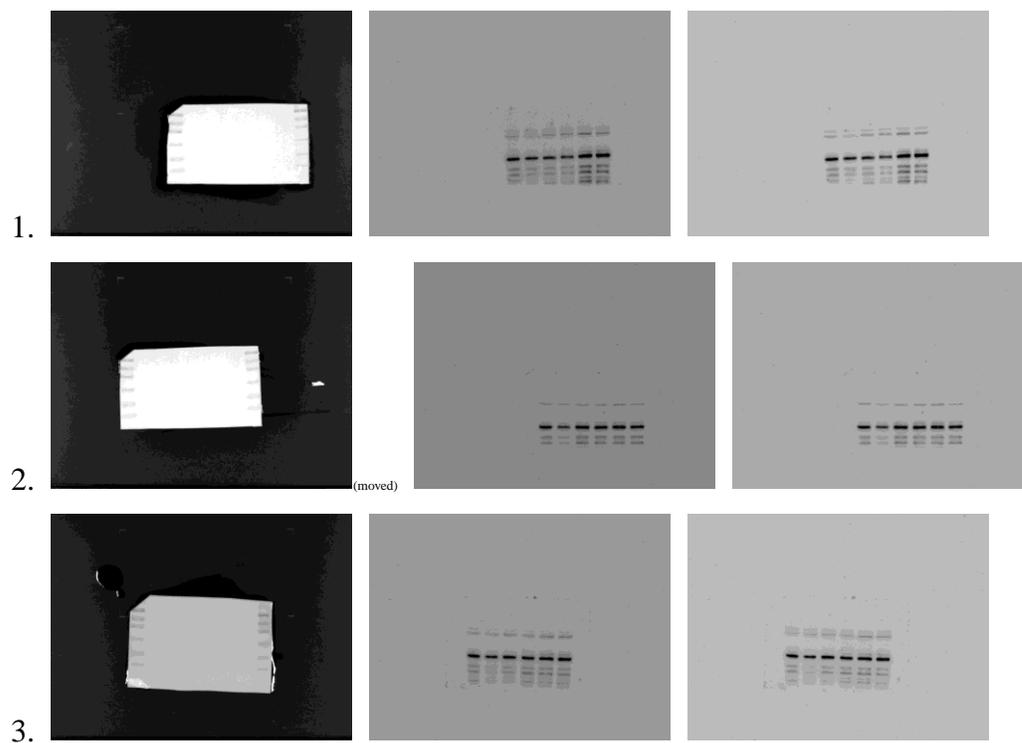


Fig. 18: Uncropped images for IκB blots in the manuscript

β -actin

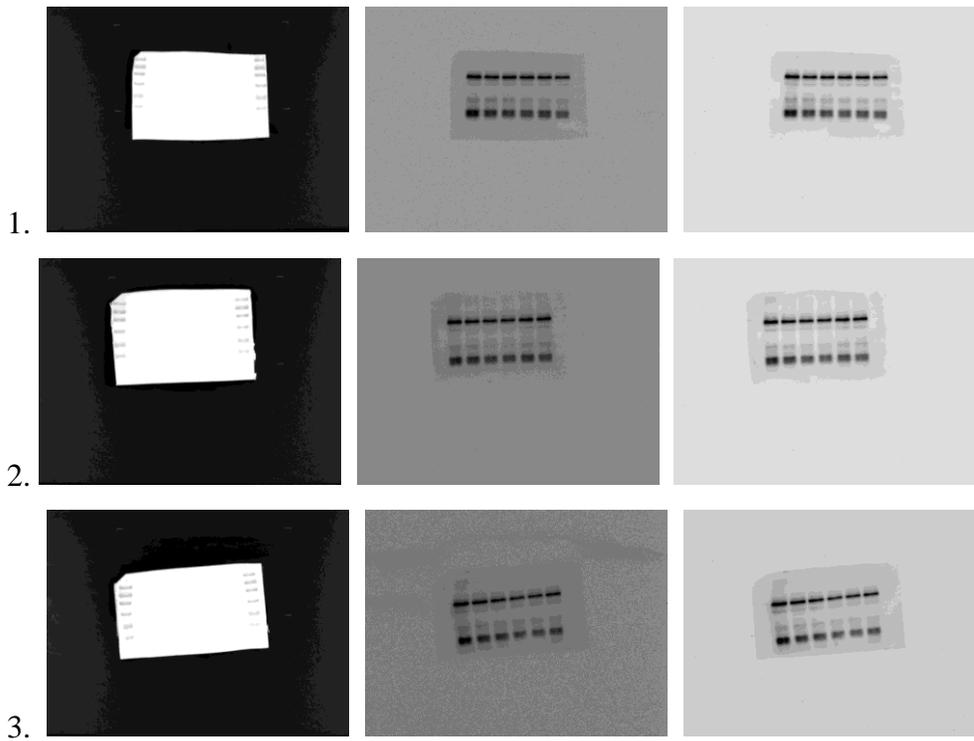


Fig. 19: Uncropped images for all the β -actin blots in the manuscript