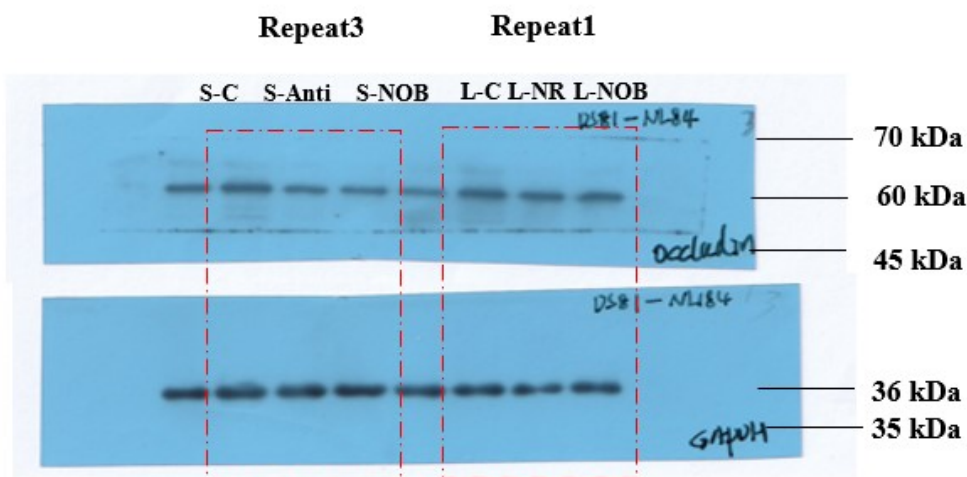
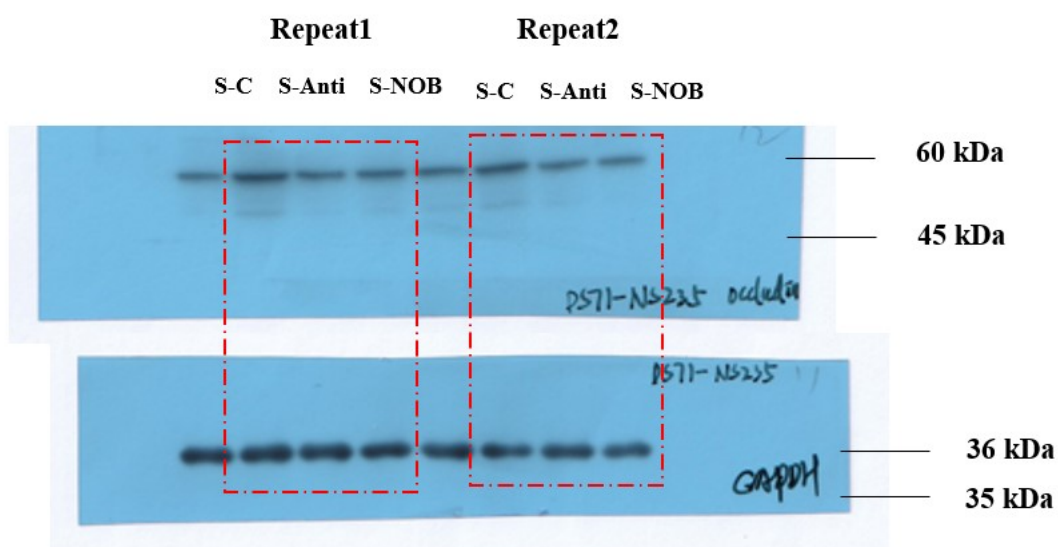
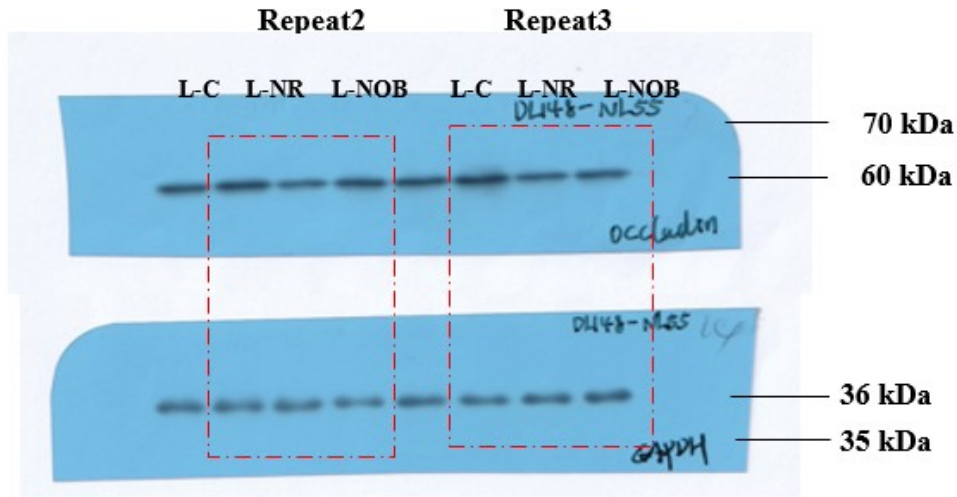
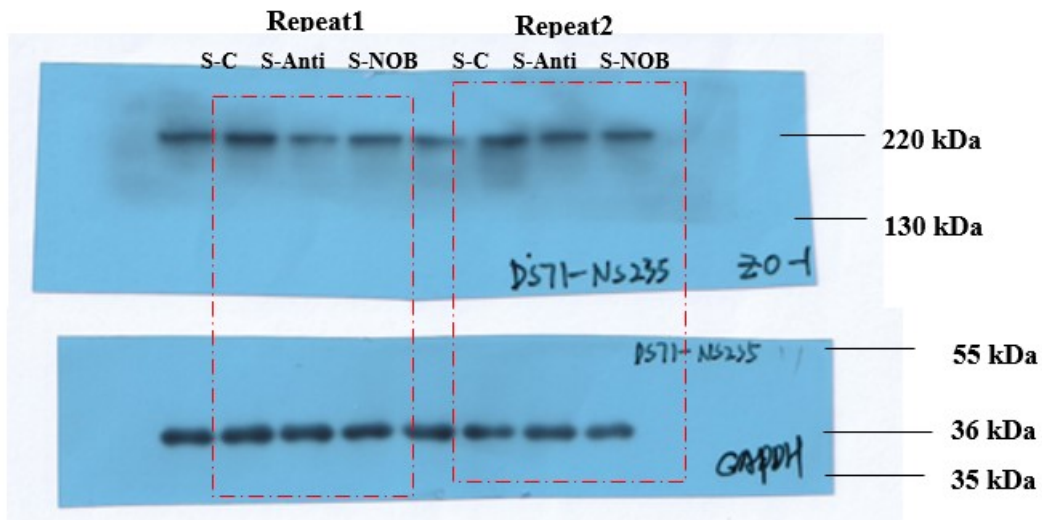


Gray value							
□	GROUP	S-C	S-Anti	S-NOB	L-C	L-NR	L-NOB
Repeat1	occludin	352.381	128.659	226.884	363.936	185.491	218.611
	GAPDH	691.714	683.659	637.773	525.396	473.089	522.715
	occludin/GAPDH	0.50943106	0.188191956	0.355744174	0.692688504	0.392084191	0.41822129
Repeat2	occludin	307.769	132.210	113.571	299.566	148.549	281.592
	GAPDH	545.240	537.370	519.946	394.882	337.429	302.241
	occludin/GAPDH	0.564465636	0.246030946	0.218427942	0.758619781	0.440238024	0.931681603
Repeat3	occludin	371.993	123.185	159.493	386.405	190.867	303.563
	GAPDH	562.447	557.259	677.998	369.035	397.126	421.484
	occludin/GAPDH	0.661382495	0.661382495	0.235240708	1.04707037	0.480621031	0.720224293



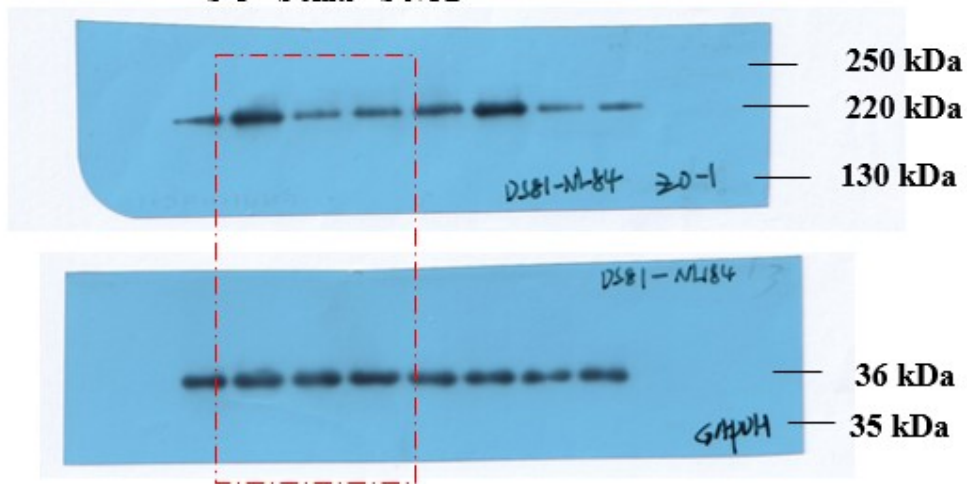


Gray value							
□	GROUP	S-C	S-Anti	S-NOB	L-C	L-NR	L-NOB
Repeat 1	ZO1	441.627	107.855	167.249	396.877	236.625	556.547
	GAPDH	691.714	683.659	637.773	585.460	521.319	503.723
	ZO1/GAPDH	0.638452662	0.157760867	0.262238206	0.677890443	0.453897866	1.104866605
Repeat 2	ZO1	383.393	219.598	191.013	440.823	96.946	244.118
	GAPDH	545.240	537.370	519.946	394.882	337.429	302.241
	ZO1/GAPDH	0.703163065	0.408653408	0.367371015	1.11633894	0.287309493	0.807692346
Repeat 3	ZO1	442.084	107.351	142.775	434.690	226.455	369.955
	GAPDH	562.447	557.259	677.998	369.035	397.126	421.484
	ZO1/GAPDH	0.786001348	0.192640944	0.210583419	1.17791037	0.570232802	0.87774545



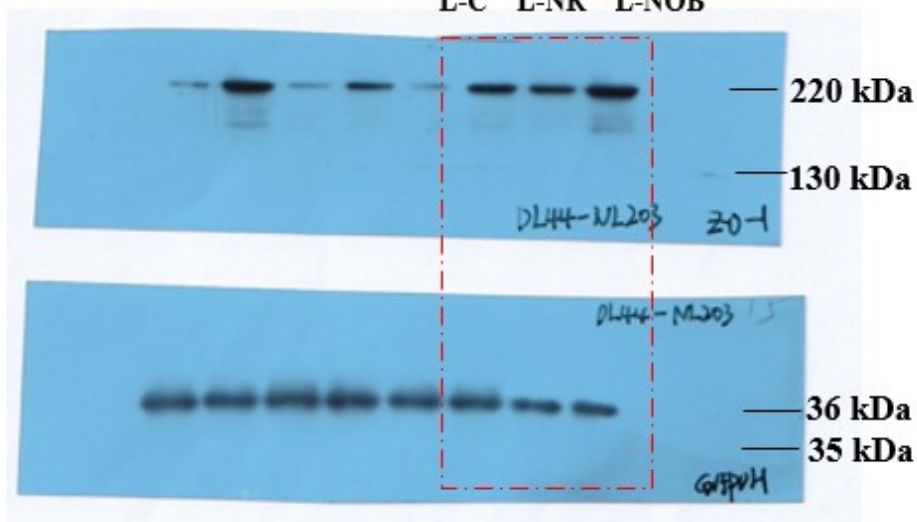
Repeat3

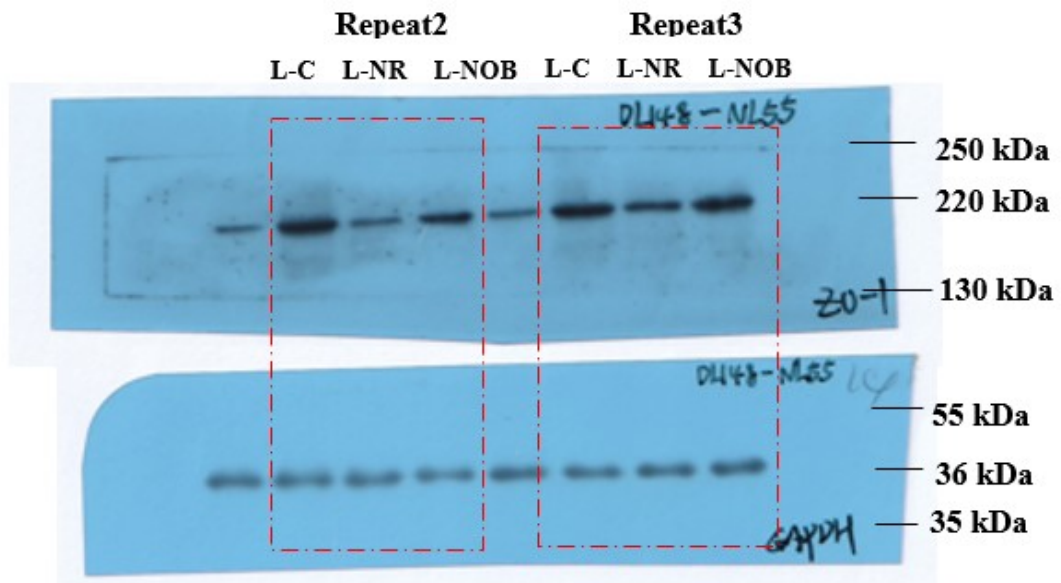
S-C S-Anti S-NOB



Repeat1

L-C L-NR L-NOB





We are very sorry that the WB blotting presented in this article was only a part of our research project, so the raw images of WB also contained the results of other studies (we also investigate another active substance, so we conducted the WB analysis of samples from both NOB-treated mice and other treated mice.) The raw data about WB mentioned in our manuscript have been circled by us with red dashed boxes, and the detailed results were in the file with the raw data provided.

The samples we analyzed were divided into short-term and long-term experiments, with samples from the short-term experiments on the same gel as the controls, and samples from the long-term experiments on the same gel as the controls. The purpose of our experiments was to investigate the timely prevention of antibiotic-related intestinal barrier damage by NOB in the short term, and its role in helping to restore antibiotic-related intestinal barrier damage in the long term, not to compare the effects between the long and short term.