

OPRL1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated Cys-VRSIAKDVALACKTSETVPRPA
Form	Liquid
Concentration	Conc. Not Determined
Storage conditions	-20°C
RRID	AB_2540490

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:3000	-

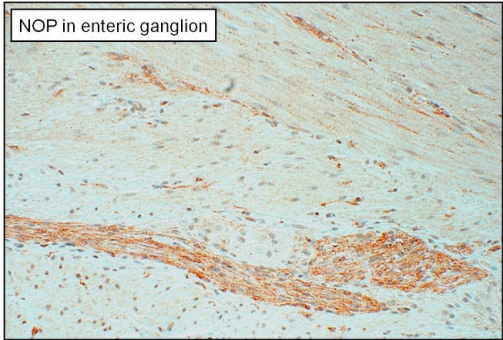
Product Specific Information

IHC (P) analysis shows positive staining of NOP in human enteric ganglion.

WB analysis shows NOP in glycoprotein-enriched fractions from mock transfected or NOP overexpressing 293 cells.

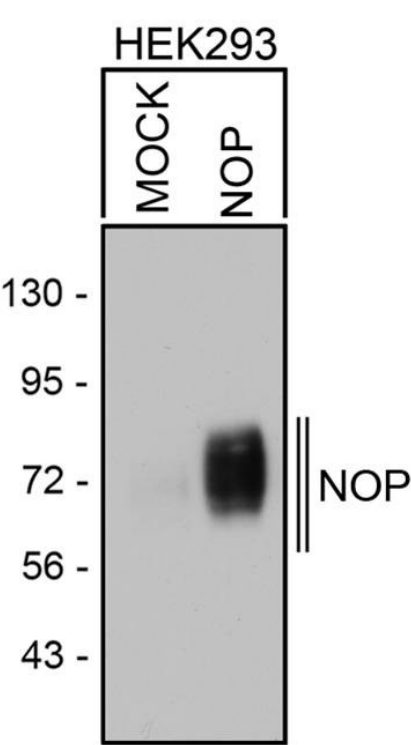
While NOP has a theoretical MW of ~ 41kD, the observed band in a WB runs at ~72kD due to enrichment of the glycosylated receptor.

Product Images For OPRL1 Polyclonal Antibody



OPRL1 Antibody (PA3-029) in IHC (P)

Immunohistochemistry analysis of NOP was performed on human enteric ganglion tissue. To expose target proteins, antigen retrieval was performed by microwaving tissues for 20 minutes in 10mM sodium citrate buffer (pH 6.0). Tissue slides were probed with a NOP polyclonal antibody (Product # PA3-029) at a dilution of 1:3000, overnight at 4C in a humidified chamber. Tissues were washed, and detection was performed using an ABC kit composed of biotinylated goat anti-rabbit IgG, peroxidase-conjugated avidin, and 3-amino-9-ethylcarbazole (AEC) substrate in acetate buffer. Tissues were counterstained with hematoxylin and dehydrated to prep for mounting.



OPRL1 Antibody (PA3-029) in WB

Western blot analysis of NOP was performed by loading equal amounts of wheat germ lectin agarose bead enriched NOP receptor fractions from mock-transfected or NOP transfected HEK293 lysates onto a 7.5% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane, blocked and probed with a NOP polyclonal antibody (Product # PA3-029) at a dilution of 1: 5000, overnight at 4C on a rocking platform, followed by an HRP-conjugated goat anti-rabbit IgG secondary antibody. Denatured NOP was detected at ~72kDa. Chemiluminescent detection was performed using ECL.

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