

NTN1 Polyclonal Antibody

Catalog NumberPA5-18446

Product data sheet

Details	
Size	100 µg
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide sequence (KFQQREKKGKCKKA) corresponding to the C-terminus amino acids of NTN1
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunocytochemistry (ICC/IF)	10 µg/mL

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

This antibody is predicted to react with bovine and canine based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 32,000.

Background/Target Information

Netrin-G1 ligand (NGL1) is a transmembrane protein containing leucine-rich repeat (LRR) and immunoglobulin (Ig) domains that specifically interact with netrin-G1 through its LRR region. Whereas netrin-G1 is expressed highly in mouse thalamic axons, NGL1 is most abundant in the striatum and the cerebral cortex. NGL1 is implicated in facilitating axonal growth of the vertebrate CNS. Membrane-bound netrin-G1 acts as an axonal receptor, whereas the LRR-containing transmembrane protein NGL1 acts as a ligand in promoting the growth of thalamic axons.

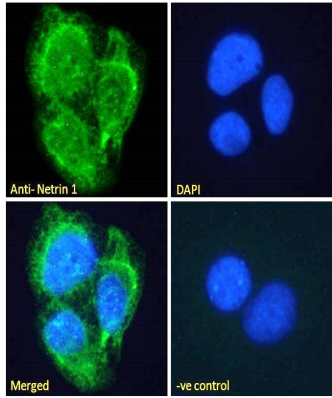
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Product Images For NTN1 Polyclonal Antibody



NTN1 Antibody (PA5-18446) in ICC/IF

Immunocytochemistry analysis of NTN1 using NTN1 Polyclonal Antibody (Product # PA5-18446) in paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing membrane and secreted staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).

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