

Anti-Peripherin Antibody (clone 3B3)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17673

Specification

Anti-Peripherin Antibody (clone 3B3) - Product Information

Application	WB, IHC-P, E
Primary Accession	P41219
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Calculated MW	53651
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-Peripherin Antibody (clone 3B3) - Additional Information

Gene ID 5630

Alias Symbol **PRPH**

Other Names

PRPH, NEF4, Neurofilament 4 (57kD), Peripherin, PRPH1, Neurofilament 4

Target/Specificity

Human Peripherin

Reconstitution & Storage

Protein A purified

Precautions

Anti-Peripherin Antibody (clone 3B3) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Peripherin Antibody (clone 3B3) - Protein Information

Name PRPH

Synonyms NEF4, PRPH1

Function

Class-III neuronal intermediate filament protein (By similarity). May form an independent structural network without the involvement of other neurofilaments or may cooperate with the neuronal intermediate filament proteins NEFL, NEFH, NEFM and INA to form a filamentous network (PubMed:15322088, PubMed:15446584). Assembly of the neuronal intermediate filaments may be regulated by RAB7A (By similarity). Plays

a role in the development of unmyelinated sensory neurons (By similarity). May be involved in axon elongation and axon regeneration after injury (By similarity). Inhibits neurite extension in type II spiral ganglion neurons in the cochlea (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, axon {ECO:0000250|UniProtKB:P15331}. Perikaryon {ECO:0000250|UniProtKB:P15331}

Tissue Location

Expressed in the neurons of the outer hair cells in the organ of Corti and to a lesser extent in type I spiral ganglion cells.

Anti-Peripherin Antibody (clone 3B3) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Peripherin Antibody (clone 3B3) - Images