

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

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

Application	WB, IHC-P, E
Primary Accession	<a href="#">P41219</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Calculated MW	53651

**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:<a href="http://www.uniprot.org/citations/15446584" target="\_blank">15446584</a>, PubMed:<a href="http://www.uniprot.org/citations/15322088" target="\_blank">15322088</a>). 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**