

Mouse anti-Human Peripherin Monoclonal Antibody | anti-PRPH antibody

Anti-Peripherin Antibody (clone 3B3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162236	Mouse	Human	Western Blot, Immunohistochemistry, ELISA

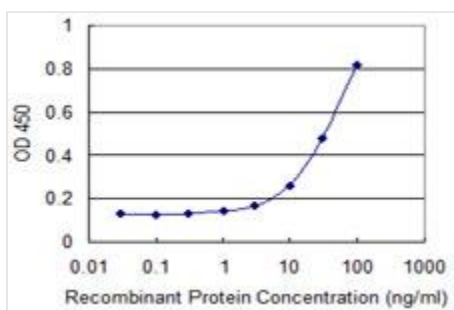
PRODUCT SYNONYMS

Peripherin; Monoclonal Antibody; Anti-Peripherin Antibody (clone 3B3); Rabbit Polyclonal to Rat Peripherin; PRPH; NEF4; Neurofilament 4 (57kD); PRPH1; Neurofilament 4; anti-PRPH antibody

PRODUCT SPECIFICATIONS

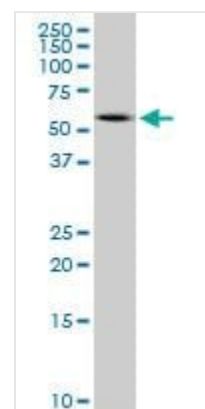
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	3B3
Specificity	Human Peripherin
Purity/Purification	Purified from ascites by Protein A
Form/Format	PBS, pH 7.4
Sequence Length	470
Applicable Applications for anti-PRPH antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	PRPH (NP_006253, 374 a.a. ~ 471 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C or lower. Aliquot to avoid repeated freezing and thawing.

IMAGES



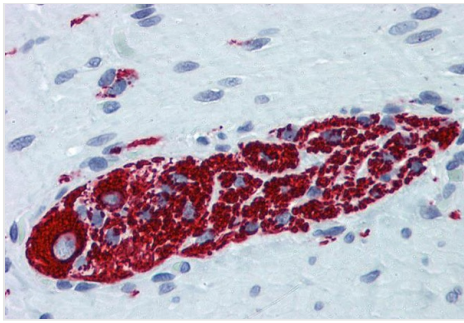
ELISA

Detection limit for recombinant GST tagged PRPH is 1 ng/ml as a capture antibody.



WB (Western Blot)

Antibody Western blot of PRPH expression in IMR-32.



IHC (Immunohistochemistry)
 Anti-PRPH/Peripherin antibody IHC of human small intestine, myenteric plexus.
 Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PRPH antibody	Peripherin is a cytoskeletal protein found in neurons of the peripheralnervous system. the encoded protein is a type III intermediate filamentprotein with homology to other cytoskeletal proteins such as desmin, and is a different protein that the peripherin found in photoreceptors.Mutations in this gene have been associated with susceptibility toamyotrophic lateral sclerosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21264345
NCBI GeneID	5630
NCBI Accession #	NP_006253.2
NCBI GenBank Nucleotide #	NM_006262.3
UniProt Accession #	P41219; Q8N577
Molecular Weight	53,779 Da
NCBI Official Full Name	peripherin
NCBI Official Synonym Full Names	peripherin
NCBI Official Symbol	PRPH
NCBI Official Synonym Symbols	NEF4; PRPH1
NCBI Protein Information	peripherin
UniProt Protein Name	Peripherin
UniProt Gene Name	PRPH
UniProt Synonym Gene Names	NEF4; PRPH1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/peripherin-antibody-clone-3b3-western-blot-immunohistochemistry-elisa/162236>