

Rabbit anti-Human Peripherin Polyclonal Antibody | anti-PRPH antibody

Peripherin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320883	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Peripherin; Polyclonal Antibody; Peripherin Antibody; NEF 4; NEF4; Neurofilament 4 (57kD); Neurofilament 4; Perf; PERI_HUMAN; PRPH 1; prph; PRPH1; anti-PRPH antibody

PRODUCT SPECIFICATIONS

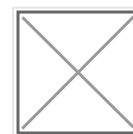
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Peripherin antibody detects endogenous levels of total Peripherin
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	470
Applicable Applications for anti-PRPH antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Peripherin
Predicted Cross Reactivity	Bovine, Horse, Rabbit, Dog
Similarity	Bovine (91%), Horse (93%), Rabbit (86%), Dog (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA320883 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on HepG2 cell lysate using Peripherin Antibody, The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of Peripherin expression in Mouse brain lysate



IHC (Immunohistochemistry)

AAA320883 at 1/100 staining human colon carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PRPH antibody

Description: Peripherin Class-III neuronal intermediate filament protein. Belongs to the intermediate filament family. 2 isoforms of the human protein are produced by alternative splicing.
Function: Class-III neuronal intermediate filament protein.
Similarity: Belongs to the intermediate filament family.

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	Observed: 55 kDa Predicted: 54 kDa
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/polyclonal/peripherin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320883>