



PRPH rabbit pAb

Cat No.:ES3264

For research use only

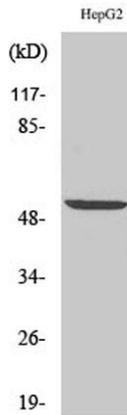
Overview

Product Name	PRPH rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Peripherin. AA range:421-470
Specificity	PRPH Polyclonal Antibody detects endogenous levels of PRPH protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Peripherin
Gene Name	PRPH
Cellular localization	Cytoplasm, cytoskeleton . Cell projection, axon . Perikaryon .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	5630
Human Swiss-Prot Number	P41219
Alternative Names	PRPH; NEF4; PRPH1; Peripherin; Neurofilament 4
Background	This gene encodes a cytoskeletal protein found in neurons of the peripheral nervous system. The encoded protein is a type III intermediate filament protein with homology to other cytoskeletal proteins such as desmin, and is a different protein

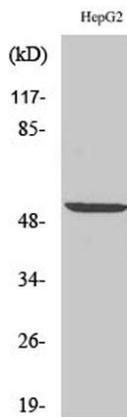




that the peripherin found in photoreceptors. Mutations in this gene have been associated with susceptibility to amyotrophic lateral sclerosis. [provided by RefSeq, Jul 2008],

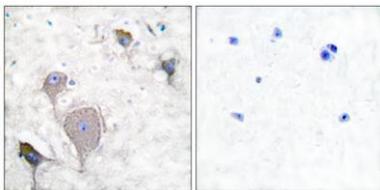


Western Blot analysis of various cells using PRPH Polyclonal Antibody diluted at 1:1000



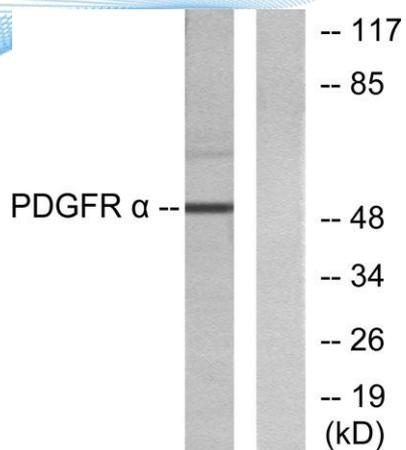
Western Blot analysis of HepG2 cells using PRPH Polyclonal Antibody diluted at 1:1000

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Peripherin Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from HepG2 cells, using Peripherin Antibody. The lane on the right is blocked with the synthesized peptide.



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