

## PRPH Polyclonal Antibody

<b>Catalog No :</b>	YT3870
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Peripherin
<b>Fields :</b>	>>Amyotrophic lateral sclerosis;>>Pathways of neurodegeneration - multiple diseases
<b>Gene Name :</b>	PRPH
<b>Protein Name :</b>	Peripherin
<b>Human Gene Id :</b>	5630
<b>Human Swiss Prot No :</b>	P41219
<b>Mouse Swiss Prot No :</b>	P15331
<b>Rat Swiss Prot No :</b>	P21807
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human Peripherin. AA range:421-470
<b>Specificity :</b>	PRPH Polyclonal Antibody detects endogenous levels of PRPH protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 55kD

**Cell Pathway :** Amyotrophic lateral sclerosis (ALS);

**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],

**Function :** function:Class-III neuronal intermediate filament protein.,online information:Peripherin entry,similarity:Belongs to the intermediate filament family.,

**Subcellular Location :** Cytoplasm, cytoskeleton . Cell projection, axon . Perikaryon .

**Expression :** 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.

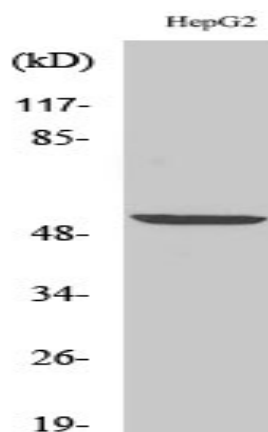
**Sort :** 13082

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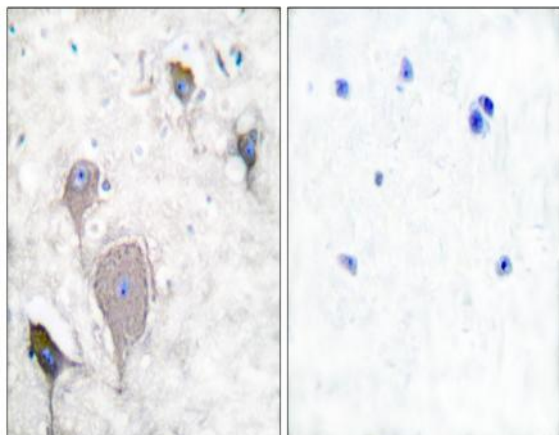
**Host :** Rabbit

**Modifications :** Unmodified

## Products Images



Western Blot analysis of various 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.