

## **PRPH Polyclonal Antibody**

Catalog No: YT3870

Reactivity: Human; Rat

**Applications:** WB;IHC;IF;ELISA

Target: Peripherin

Fields: >>Amyotrophic lateral sclerosis;>>Pathways of neurodegeneration - multiple

diseases

P41219

P15331

Gene Name: PRPH

Protein Name: Peripherin

Human Gene Id: 5630

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

Rat Swiss Prot No: P21807

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.

Source: Polyclonal, Rabbit, IgG

**Dilution :** WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



**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.,

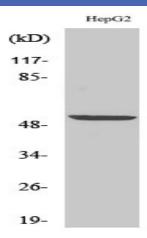
Subcellular Location:

Cytoplasm, cytoskeleton . Cell projection, axon . Perikaryon .

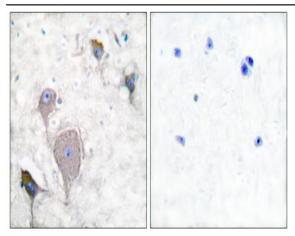
**Expression:** Expressed in the neurons of the outer hair cells in the organ of Corti and to a

lesser extent in type I spiral ganglion cells.

## **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.