

A4048

Leader in Biomolecular Solutions for Life Science



PRPH Rabbit pAb

Catalog No.: A4048

Basic Information

Observed MW

54kDa

Calculated MW

54kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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 than the peripherin found in photoreceptors. Mutations in this gene have been associated with susceptibility to amyotrophic lateral sclerosis.

Recommended Dilutions

WB	1:100 - 1:500
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

5630

Swiss Prot

P41219

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human PRPH (NP_006253.2).

Synonyms

NEF4; PRPH1; PRPH

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

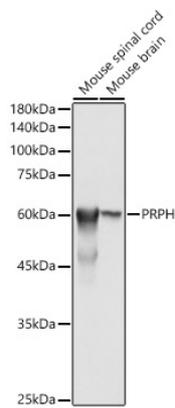
Affinity purification

Storage

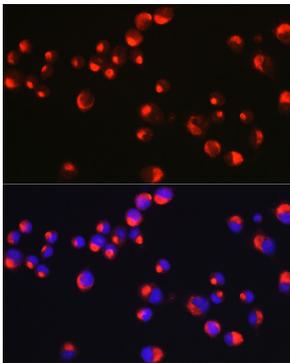
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using PRPH antibody (A4048) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunofluorescence analysis of Neuro-2a cells using PRPH Rabbit pAb (A4048) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.