

PRPH rabbit monoclonal antibody

Catalog # H00005630-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PRPH peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRPH is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PRPH peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PRPH

Entrez GeneID	5630
GeneBank Accession#	PRPH
Gene Name	PRPH
Gene Alias	NEF4, PRPH1
Gene Description	peripherin
Omim ID	105400 170710
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	neurofilament 4 (57kD)

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)