

PPP3R1 rabbit monoclonal antibody

Catalog # H00005534-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPP3R1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPP3R1 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 PPP3R1 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 — PPP3R1

Entrez GeneID	5534
GeneBank Accession#	PPP3R1
Gene Name	PPP3R1
Gene Alias	CALNB1, CNB, CNB1
Gene Description	protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform
Omim ID	601302
Gene Ontology	Hyperlink
Gene Summary	regulatory subunit B
Other Designations	calcineurin B, type I (19kDa) protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type I) protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa , alpha isoform (calcineurin B, type I) protein phosphata

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Calcium signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)

- [Wnt signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)