PPP1R3C rabbit monoclonal antibody

Catalog # H00005507-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPP1R3C peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPP1R3C 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 PPP1R3C 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PPP1R3C

Entrez GeneID	5507
GeneBank Accession#	PPP1R3C
Gene Name	PPP1R3C
Gene Alias	PPP1R5
Gene Description	protein phosphatase 1, regulatory (inhibitor) subunit 3C
Omim ID	602999
Gene Ontology	Hyperlink
Gene Summary	Protein phosphatase-1 (PP1; see MIM 176875) participates in the regulation of a wide variety of cellular functions by reversible protein phosphorylation. The ability of PP1 to regulate diverse funct ions resides in its capacity to interact with a variety of regulatory subunits that may target PP1 to s pecific subcellular locations, modulate its substrate specificity, and allow its activity to be responsi ve to extracellular signals. Several targeting subunits of PP1 have been identified, including PPP1 R5, the glycogen-binding subunits PPP1R3 (MIM 600917) and PPP1R4, and the nuclear inhibitor of PP1 (PPP1R8; MIM 602636).[supplied by OMIM
Other Designations	OTTHUMP00000020089|Phosphatase 1, regulatory inhibitor subunit 5|protein targeting to glycog en

Pathway

- Insulin signaling pathway

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease