

PPP2R4 rabbit monoclonal antibody

Catalog # H00005524-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPP2R4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPP2R4 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 PPP2R4 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 — PPP2R4

Entrez GeneID	5524
GeneBank Accession#	PPP2R4
Gene Name	PPP2R4
Gene Alias	MGC2184, PP2A, PR53, PTPA
Gene Description	protein phosphatase 2A activator, regulatory subunit 4
Omim ID	600756
Gene Ontology	Hyperlink
Gene Summary	Protein phosphatase 2A is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2A holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B' family. This gene encodes a specific phosphotyrosyl phosphatase activator of the dimeric form of protein phosphatase 2A. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	OTTHUMP00000022333 PP2A phosphatase activator PP2A, subunit B' phosphotyrosyl phosphatase activator protein phosphatase 2A, regulatory subunit B' protein phosphatase 2A, regulatory subunit B' (PR 53)

Disease

- [Kidney Failure](#)