

PPP2R2A rabbit monoclonal antibody

Catalog # H00005520-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPP2R2A peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPP2R2A 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 PPP2R2A 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 — PPP2R2A

Entrez GeneID [5520](#)

GeneBank Accession# [PPP2R2A](#)

Gene Name PPP2R2A

Gene Alias B55-ALPHA, B55A, FLJ26613, MGC52248, PR52A, PR55A

Gene Description protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform

Omim ID [604941](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B55 subfamily. [provided by RefSeq]

Other Designations PP2A, subunit B, B-alpha isoform|PP2A, subunit B, B55-alpha isoform|PP2A, subunit B, PR55-alpha isoform|PP2A, subunit B, R2-alpha isoform|Serine/threonine protein phosphatase 2A, 55 KD A regulatory subunit B, alpha isoform|alpha isoform of regulatory subun

Pathway

- [Tight junction](#)

Disease

- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)

- [Precancerous Conditions](#)