

PRKAR1B rabbit monoclonal antibody

Catalog # H00005575-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PRKAR1B peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRKAR1B 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 PRKAR1B 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 — PRKAR1B

Entrez GeneID	5575
GeneBank Accession#	PRKAR1B
Gene Name	PRKAR1B
Gene Alias	PRKAR1
Gene Description	protein kinase, cAMP-dependent, regulatory, type I, beta
Omim ID	176911
Gene Ontology	Hyperlink
Gene Summary	Cyclic AMP-dependent protein kinase A (PKA) is an essential enzyme in the signaling pathway of the second messenger cAMP. Through phosphorylation of target proteins, PKA controls many biochemical events in the cell including regulation of metabolism, ion transport, and gene transcription. The PKA holoenzyme is composed of 2 regulatory and 2 catalytic subunits and dissociates from the regulatory subunits upon binding of cAMP.[supplied by OMIM]
Other Designations	-

Pathway

- [Apoptosis](#)
- [Insulin signaling pathway](#)