

PKIA rabbit monoclonal antibody

Catalog # H00005569-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	5569
GeneBank Accession#	PKIA
Gene Name	PKIA
Gene Alias	PRKACN1
Gene Description	protein kinase (cAMP-dependent, catalytic) inhibitor alpha
Omim ID	606059
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA) inhibitor family. This protein was demonstrated to interact with and inhibit the activities of both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]
Other Designations	PKI-alpha cAMP-dependent protein kinase inhibitor alpha

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)