

PICK1 rabbit monoclonal antibody

Catalog # H00009463-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PICK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PICK1 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 PICK1 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 — PICK1

Entrez GeneID	9463
GeneBank Accession#	PICK1
Gene Name	PICK1
Gene Alias	MGC15204, PICK, PRKCABP
Gene Description	protein interacting with PRKCA 1
Omim ID	605926
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000028509 PRKCA-binding protein protein interacting with C kinase 1 protein kinase C, alpha binding protein

Disease

- [Amphetamine-Related Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Psychoses](#)
- [Schizophrenia](#)