

INPP1 rabbit monoclonal antibody

Catalog # H00003628-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human INPP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human INPP1 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 INPP1 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 — INPP1

Entrez GeneID	3628
GeneBank Accession#	INPP1
Gene Name	INPP1
Gene Alias	MGC110984
Gene Description	inositol polyphosphate-1-phosphatase
Omim ID	147263
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the enzyme inositol polyphosphate-1-phosphatase, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate. [provided by RefSeq]
Other Designations	-

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Hyperinsulinism](#)
- [Insulin Resistance](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Stress Disorders](#)