IP6K1 rabbit monoclonal antibody

Catalog # H00009807-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human IP6K1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human IP6K1 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 IP6K1 peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — IP6K1

Entrez GeneID	9807
GeneBank Accession#	IP6K1
Gene Name	IP6K1
Gene Alias	IHPK1, MGC9925, PiUS
Gene Description	inositol hexakisphosphate kinase 1
Omim ID	606991
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing occurs for this gene; however, the full-length nature of all transcript variants has not yet been described. [provided by RefSeq
Other Designations	ATP:1D-myo-inositol-hexakisphosphate phosphotransferase|Pi uptake stimulator|inositol hexaphosphate kinase 1|insP6 kinase 1

Disease

- Crohn Disease
- Genetic Predisposition to Disease