WIPI1 rabbit monoclonal antibody

Catalog # H00055062-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WIPI1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human WIPI1 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 WIPI1 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 — WIPI1

Entrez GeneID	55062
GeneBank Accession#	WIPI1
Gene Name	WIPI1
Gene Alias	ATG18, FLJ10055, WIPI49
Gene Description	WD repeat domain, phosphoinositide interacting 1
Omim ID	609224
Gene Ontology	Hyperlink
Gene Summary	WD40 repeat proteins are key components of many essential biologic functions. They regulate th e assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous an d reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins, such as WIPI1, have a 7-bladed propeller structure and contain a conserved motif for interaction w ith phospholipids (Proikas-Cezanne et al., 2004 [PubMed 15602573]).[supplied by OMIM
Other Designations	WD40 repeat protein Interacting with phosphoInositides of 49kDa|WIPI-1 alpha