

MAPKSP1 rabbit monoclonal antibody

Catalog # H00008649-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAPKSP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAPKSP1 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 MAPKSP1 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 — MAPKSP1

Entrez GeneID	8649
GeneBank Accession#	MAPKSP1
Gene Name	MAPKSP1
Gene Alias	MAP2K1IP1, MAPBP, MP1
Gene Description	MAPK scaffold protein 1
Omim ID	603296
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogen-activated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2. Studies of the orthologous gene in mouse indicate that it regulates late endosomal traffic and cell proliferation. Multiple transcript variants are expressed by this gene, but only one variant is thought to express a protein. [provided by RefSeq]
Other Designations	MEK binding partner 1 MEK partner 1 mitogen-activated protein kinase kinase 1 interacting protein 1

Pathway

- [MAPK signaling pathway](#)