

MAP3K3 rabbit monoclonal antibody

Catalog # H00004215-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAP3K3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAP3K3 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 MAP3K3 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 — MAP3K3

Entrez GeneID	4215
GeneBank Accession#	MAP3K3
Gene Name	MAP3K3
Gene Alias	MAPKKK3, MEKK3
Gene Description	mitogen-activated protein kinase kinase kinase 3
Omim ID	602539
Gene Ontology	Hyperlink
Gene Summary	<p>This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]</p>
Other Designations	MAP/ERK kinase kinase 3 MAPK/ERK kinase kinase 3

Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)