

Rabbit anti-Human MEK3/MEK6 Monoclonal Antibody | anti-MAP2K3/MAP2K6 antibody

MEK3/MEK6 Rabbit mAb

CATALOG # AAA282842	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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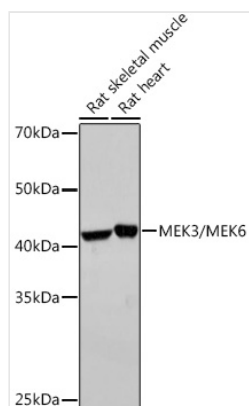
PRODUCT SYNONYMS

MEK3/MEK6; Monoclonal Antibody; MEK3/MEK6 Rabbit mAb; MAPKK3; MEK3; MKK3; PRKMK3; SAPKK-2; SAPKK2; anti-MAP2K3/MAP2K6 antibody

PRODUCT SPECIFICATIONS

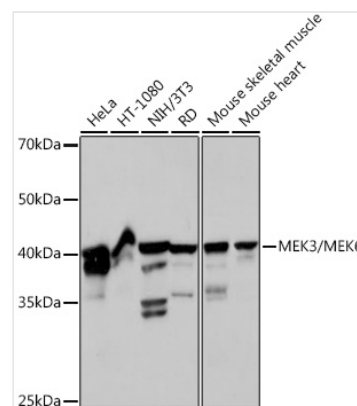
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KSDVWSLGIT MIEMAILRFP YESWGTPFQQ LKQVVEEPSP QLPADRFSP FVDFTAQCLR KNPAERM SYL ELMEHPFFTL HKTKKTDIAA FVKEILGEDS
Applicable Applications for anti-MAP2K3/MAP2K6 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 248-347 of human MEK3/MEK6 (P46734).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using MEK3/MEK6 Rabbit mAb (AAA282842) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates using MEK3/MEK6 Rabbit mAb (AAA282842) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K3/MAP2K6 antibody	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersina pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-MAP2K3/MAP2K6 antibody	Protein phosphorylation; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618347
NCBI GeneID	5606/5608
NCBI Accession #	NP_002747.2
NCBI GenBank Nucleotide #	NM_002756.4
UniProt Accession #	P46734; P52564
Molecular Weight	Calculated MW: 39, 37kDa Observed MW: 34-40kDa
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 3
UniProt Gene Name	MAP2K3
UniProt Synonym Gene Names	MEK3; MKK3; PRKMK3; SKK2; MAP kinase kinase 3; MAPKK 3; MEK 3; SAPK kinase 2; SAPKK-2; SAPKK2
UniProt Entry Name	MP2K3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mek3-mek6-antibody-western-blot-elisa/282842>