

Rabbit anti-Human, Mouse MAP3K3 Polyclonal Antibody | anti-MAP3K3 antibody

MAP3K3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321036	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

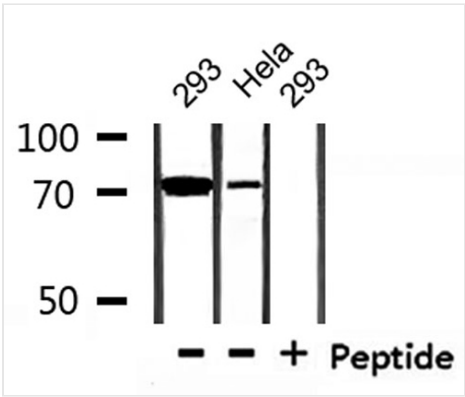
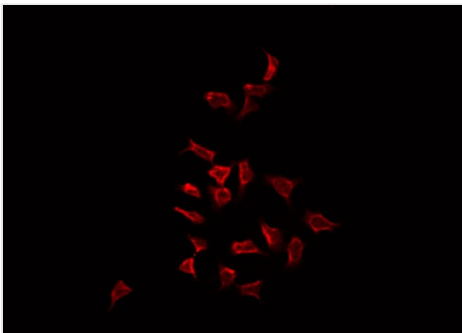
PRODUCT SYNONYMS

MAP3K3; Polyclonal Antibody; MAP3K3 Antibody; M3K3_HUMAN; MAP/ERK kinase kinase 3; MAPK/ERK kinase kinase 3; MAPKKK3; MEK kinase 3; MEKK 3; MEKK3; Mitogen activated protein kinase kinase kinase 3; Mitogen-activated protein kinase kinase kinase 3; anti-MAP3K3 antibody

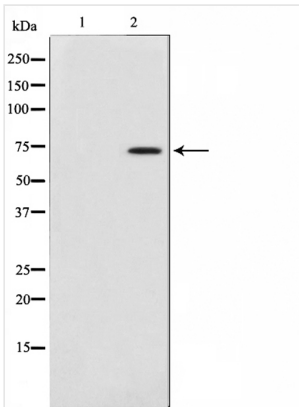
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MAP3K3 antibody detects endogenous levels of MAP3K3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	626
Applicable Applications for anti-MAP3K3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAP3K3
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 and HeLa, using MAP3K3 Antibody.



WB (Western Blot)
Western blot analysis on HepG2 cell lysate using MAP3K3 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K3 antibody	Description: 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. Function: Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators. Subunit Structure: Binds both upstream activators and downstream substrates in multimolecular complexes. Part of a complex with MAP2K3, RAC1 and CCM2. Interacts with MAP2K5 and SPAG9. Post-translational Modifications: Phosphorylation at Ser-166 and Ser-337 by SGK1 inhibits its activity. Similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42794765
NCBI GeneID	4215
NCBI Accession #	NP_002392.2
NCBI GenBank Nucleotide #	NM_002401.4

UniProt Accession #	Q99759; Q5BKZ6; Q8N3I9; B2RCW2; D3DU15
Molecular Weight	Observed: 71 kDa Predicted: 71 kDa
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 3
NCBI Official Symbol	MAP3K3
NCBI Official Synonym Symbols	MEKK3; MAPKKK3
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 3
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 3
UniProt Gene Name	MAP3K3
UniProt Synonym Gene Names	MAPKKK3; MEKK3; MEK kinase 3; MEKK 3

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/polyclonal/map3k3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321036>