

Rabbit MAP4K3 Polyclonal Antibody | anti-MAP4K3 antibody

MAP4K3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324036	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MAP4K3; Polyclonal Antibody; MAP4K3 Antibody; Germinal center kinase like kinase; Germinal center kinase-related protein kinase; GLK; MAPK/ERK kinase kinase 3; MAPKKKK3; MEK kinase kinase 3; MEKKK 3; MEKKK3; mitogen-activated protein kinase kinase kinase kinase 3; RAB8IPL1; anti-MAP4K3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAP4K3 antibody detects endogenous levels of total MAP4K3
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	873
Applicable Applications for anti-MAP4K3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic and Nuclear
Tissue Specificity	Ubiquitously expressed in all tissues examined, with high levels in heart, brain, placenta, skeletal muscle, kidney and pancreas and lower levels in lung and liver.
Predicted Cross Reactivity	Pig, Bovine, Dog
Similarity	Pig (100%), Bovine (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324036 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using MAP4K3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP4K3 antibody	Function: May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. Subunit Structure: Interacts with SH3GL2. Interaction appears to regulate MAP4K3-mediated JNK activation (By similarity). Similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	394025669
NCBI GeneID	8491
NCBI Accession #	NP_001257354.1
NCBI GenBank Nucleotide #	NM_001270425.1
UniProt Accession #	Q8IVH8; Q6IQ39; Q8IVH7; Q9UDM5; Q9Y6R5
Molecular Weight	Observed: 101 kD Predicted: 102 kDa
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 3
NCBI Official Symbol	MAP4K3
NCBI Official Synonym Symbols	GLK; MEKKK3; MEKKK 3; MAPKKKK3; RAB8IPL1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 3
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 3
UniProt Gene Name	MAP4K3
UniProt Synonym Gene Names	RAB8IPL1; GLK; MEK kinase kinase 3; MEKKK 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/map4k3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324036>