Rabbit MAP3K1 Polyclonal Antibody | anti-MAP3K1 antibody

MAP3K1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281612	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

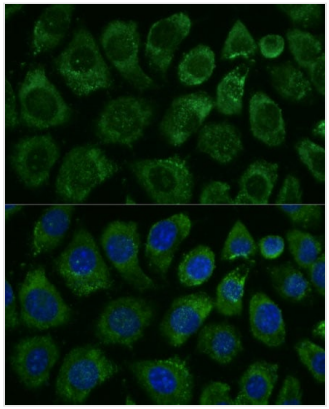
PRODUCT SYNONYMS

MAP3K1; Polyclonal Antibody; MAP3K1 Rabbit pAb; MAPKKK1; MEKK; MEKK 1; MEKK1; SRXY6; anti-MAP3K1 antibody

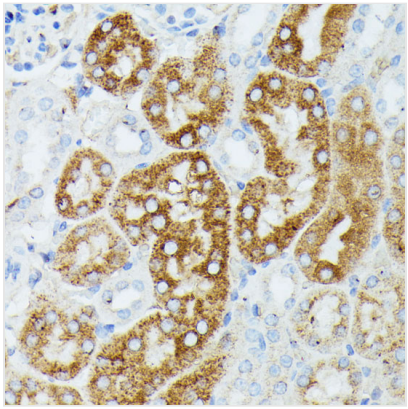
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	TGAGEFQGQL LGTIAFMAPE VLRGQQYGRS CDVWSVGCAI IEMACAKPPW NAEKHSNHLA LIFKIASATT APSIPSHLSP GLRDVALRCL ELQPQDRPPS RELLKHPVFR TTW
Applicable Applications for anti-MAP3K1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1400 to the C-terminus of human MAP3K1 (NP_005912.1).
Positive Samples	A-431, Raji, HeLa, Mouse spleen
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

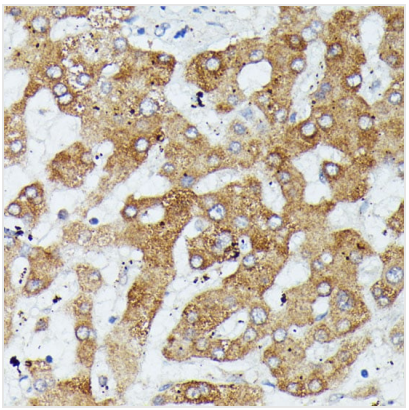
IMAGES



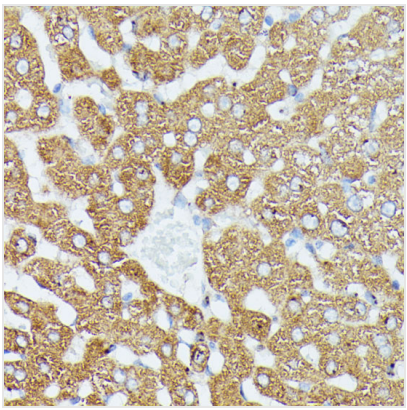
IF (Immunofluorescence)
Immunofluorescence analysis of L929 cells using MAP3K1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



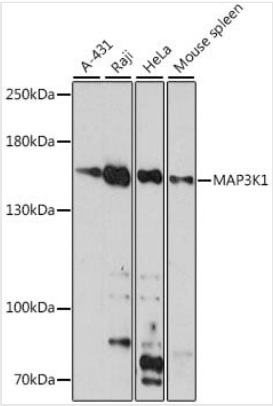
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse kidney using MAP3K1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human liver using MAP3K1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat liver using MAP3K1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MAP3K1 antibody at 1:1000 dilution.Secondary antibody: HRP 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.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K1 antibody	Background: The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus.
Product Categories/Family for anti-MAP3K1 antibody	Signal Transduction; Kinase; Serine/threonine kinases; Research; Signal Transduction; ErbB-HER Signaling Pathway; Research; Signal Transduction; MAPK-JNK Signaling Pathway; Research; Signal Transduction; MAPK-P38 Signaling Pathway; Research; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	153945765
NCBI GeneID	4214
NCBI Accession #	NP_005912.1
NCBI GenBank Nucleotide #	NM_005921.1
UniProt Accession #	Q13233
Molecular Weight	161 kDa
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 1

NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase
NCBI Official Symbol	MAP3K1
NCBI Official Synonym Symbols	MEKK; MEKK1; SRXY6; MEKK 1; MAPKKK1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 1; MEK kinase 1; MAP/ERK kinase kinase 1; MAPK/ERK kinase kinase 1
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 1
UniProt Gene Name	**MAP3K1**
UniProt Synonym Gene Names	MAPKKK1; MEKK; MEKK1; MEK kinase 1; MEKK 1
UniProt Entry Name	M3K1_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://www.aaabiotech.com/polyclonal/map3k1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281612