

Rabbit anti-Human, Mouse ASK1 Polyclonal Antibody | anti-MAP3K5 antibody

ASK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39222	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

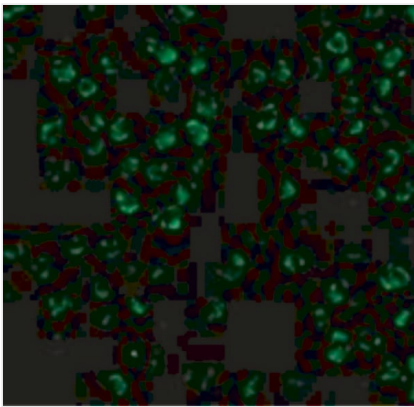
PRODUCT SYNONYMS

ASK1; Polyclonal Antibody; ASK1 Antibody; MEKK5; MAPKKK5; Mitogen-activated protein kinase kinase kinase 5; Apoptosis signal-regulating kinase 1; ASK-1; mitogen-activated protein kinase kinase kinase 5; anti-MAP3K5 antibody

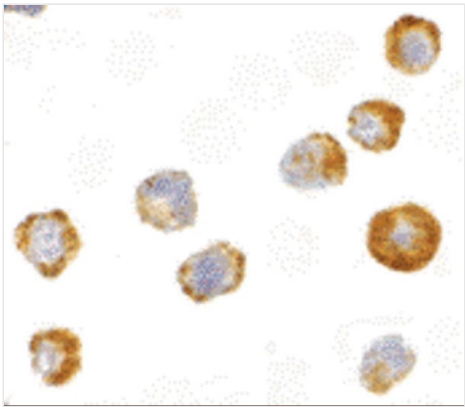
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ASK1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1374
Applicable Applications for anti-MAP3K5 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ASK1 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human ASK1.
Buffer	ASK1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ASK1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

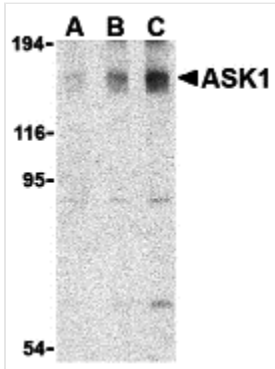
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ASK1 in 3T3 cells with ASK1 antibody at 20 µg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of ASK1 in A431 cells with ASK1 antibody at 2 µg/mL.



WB (Western Blot)
Western blot analysis of ASK1 in SW1353 cell lysate with ASK1 antibody at (A) 0.5, (B) 1, and (C) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K5 antibody	ASK1 Antibody: Mitogen-activated protein (MAP) kinase cascades are activated in response to various extracellular stimuli, including cytokines, growth factors and environmental stresses. A novel MAP kinase kinase kinase (MAPKKK) was recently identified and designated ASK1 (for apoptosis signal-regulating kinase 1) and MAPKKK5. ASK1 activated two different subgroups of MAPKK, MKK4 and MKK6, which in turn activated c-Jun N-terminal kinase (JNK) and p38 MAP kinase, respectively. ASK1/MAPKKK5 is activated by TNFR and Fas through the interaction with members of the TRAF family and Fas-associated protein Daxx. Overexpression of ASK1 induced apoptotic cell death, and a catalytically inactive form of ASK1 inhibited TNF- α -induced apoptosis. ASK1 is expressed in variety of tissues and cell lines.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6685617
NCBI GeneID	4217
UniProt Accession #	Q99683; Q5THN3; Q99461; A6NIA0; B4DGB2
Molecular Weight	69,839 Da
NCBI Official Full Name	Mitogen-activated protein kinase kinase kinase 5
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 5
NCBI Official Symbol	MAP3K5
NCBI Official Synonym Symbols	ASK1; MEKK5; MAPKKK5

NCBI Protein Information	mitogen-activated protein kinase kinase kinase 5; ASK-1; MEKK 5; MEK kinase 5; MAP/ERK kinase kinase 5; MAPK/ERK kinase kinase 5; apoptosis signal regulating kinase 1; apoptosis signal-regulating kinase 1
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 5
UniProt Gene Name	MAP3K5
UniProt Synonym Gene Names	ASK1; MAPKKK5; MEKK5; ASK-1; MEK kinase 5; MEKK 5
UniProt Entry Name	M3K5_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/ask1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39222>