

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

ASK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306229	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

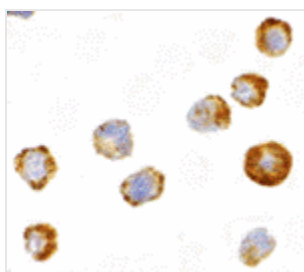
PRODUCT SYNONYMS

ASK1; Polyclonal Antibody; ASK1 Antibody; Apoptosis signal-regulating kinase; MAPKKK; MEK kinase 5; anti-ASK1 antibody

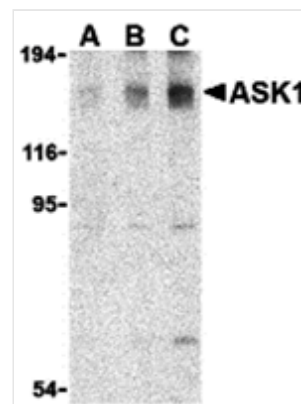
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1374
Applicable Applications for anti-ASK1 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human ASK1.
Target Name	ASK1
Preparation and Storage	Can be stored at -20 degree C, stable for 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


ICC (Immunocytochemistry)

Immunocytochemistry of ASK1 in A431 cells with ASK1 antibody at 2 ug/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 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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-a-induced apoptosis. ASK1 is expressed in variety of tissues and cell lines.
Product Categories/Family for anti-ASK1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	66391167
NCBI GeneID	4217
Molecular Weight	69,839 Da
NCBI Official Full Name	apoptosis signal-regulating kinase 1
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
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.