

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

ASK1 (Phospho-Ser83) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306771	Rabbit	Human	Immunohistochemistry, Western Blot

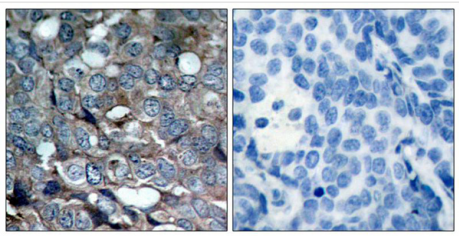
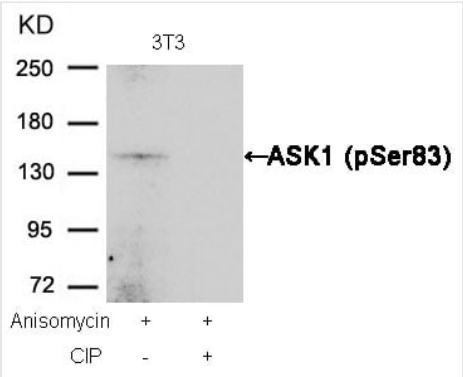
PRODUCT SYNONYMS

ASK1; Polyclonal Antibody; ASK1 (Phospho-Ser83) Antibody; ASK-1; M3K5; MAP3K5; MAPK/ERK kinase kinase 5; MAPKKK5; anti-ASK1 antibody

PRODUCT SPECIFICATIONS

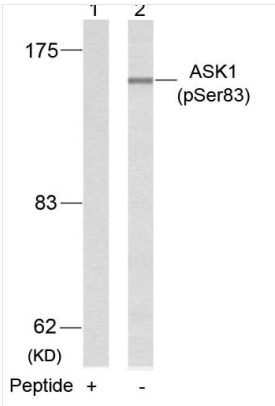
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of ASK1 only when phosphorylated at serine 83.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1374
Applicable Applications for anti-ASK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 83 (G-S-S(p)-V-G) derived from Human ASK1.
Modification	Phospho-Ser83
Target Name	ASK1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ASK1(Phospho-Ser83) Antibody (left) or the same antibody preincubated with blocking peptide(right).

WB (Western Blot)
Western blot analysis of extracts from 3T3 cells, treated with Anisomycin or calf intestinal phosphatase (CIP), using ASK1 (Phospho-Ser83) Antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells using ASK1(Phospho-Ser83) Antibody (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).

ADDITIONAL INFORMATION

Related Product Information for anti-ASK1 antibody	Component of a protein kinase signal transduction cascade. Phosphorylates and activates MAP2K4 and MAP2K6, which in turn activate the JNK and p38 MAP kinases, respectively. Overexpression induces apoptotic cell death.
Product Categories/Family for anti-ASK1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174547
NCBI GeneID	4217
NCBI Accession #	NP_005914.1
NCBI GenBank Nucleotide #	NM_005923.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ask1-antibody-immunohistochemistry-western-blot-elisa/306771>