

Datasheet for ABIN197310
anti-ASK1 antibody (Ser83)



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3 Images

Overview

Quantity:	0.1 mL
Target:	ASK1 (MAP3K5)
Binding Specificity:	Ser83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human ASK1 around the phosphorylation site of Serine 83 (G-S-Sp-V-G).
Specificity:	This antibody detects endogenous levels of ASK1 protein around Serine 83.
Purification:	Affinity Chromatography using epitope-specific immunogen.

Target Details

Target:	ASK1 (MAP3K5)
Alternative Name:	MEKK5 / ASK1 (MAP3K5 Products)
Background:	Mitogen activated protein (MAP) kinase cascades are activated in response to various extracellular stimuli including cytokines, growth factors and environmental stresses. A novel

Target Details

MAP kinase kinase kinase (MAPKKK) was recently identified and designated ASK1 (for apoptosis signal-regulating kinase 1). ASK1 activates two different subgroups of MAPKK, MKK4 and MKK6, which in turn activate c-Jun N terminal kinase (JNK) and p38 MAP kinase, respectively. ASK1 is activated by TNFR and Fas through the interaction with members of the TRAF family and Fas associated protein Daxx. Overexpression of ASK1 induces apoptotic cell death, and a catalytically inactive form of ASK1 inhibits TNF alpha-induced apoptosis. ASK1 is expressed in variety of human and mouse tissues. Synonyms: Apoptosis signal-regulating kinase 1, MAP3K5, MAPK/ERK kinase kinase 5, MAPKKK5, Mitogen-activated protein kinase kinase kinase 5

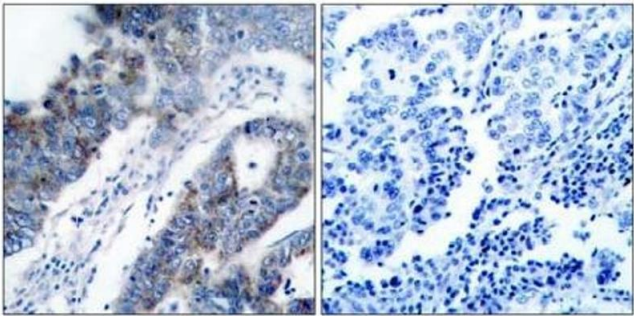
Gene ID:	4217
NCBI Accession:	NP_005914
UniProt:	Q99683
Pathways:	MAPK Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

Application Details

Application Notes:	Western blot 1/500-1/1000. Immunofluorescence: 1/100-1/200. Immunohistochemistry on Paraffin-Embedded Sections: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C.



Peptide - +

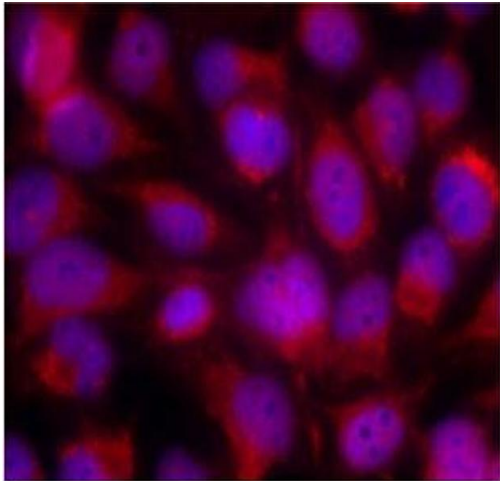
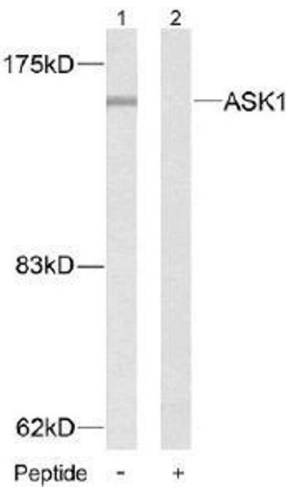


Image 1.

Image 2.

Image 3.