ASK1(Ab-966) Antibody

Catalog No: #21134

Package Size: #21134-1 50ul #21134-2 100ul #21134-4 25ul

Overview

Product Name	ASK1(Ab-966) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Human Mouse
Immunogen Type	Peptide-KLH
Target Name	ASK1
Alternative Names	ASK-1; M3K5; MAP3K5; MAPK/ERK kinase kinase 5; MAPKKK5

Application Details

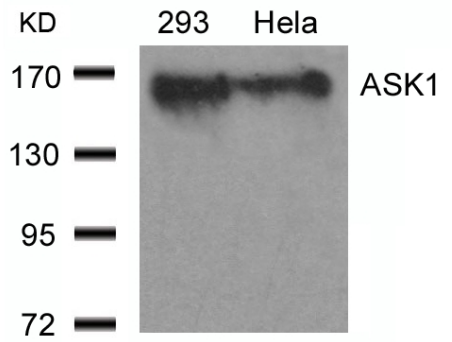
Predicted MW: 155kd

Western blotting: 1:500~1:1000

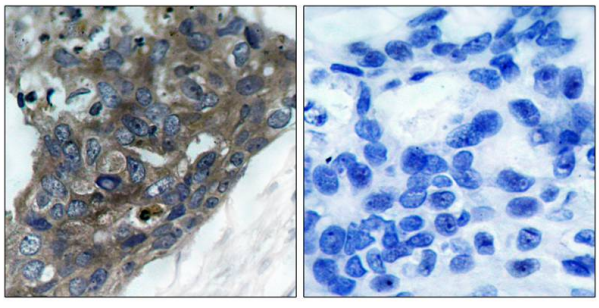
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

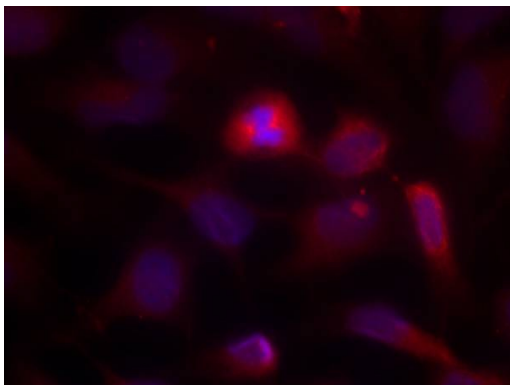
Images



Western blot analysis of extracts from 293 and Hela cells using ASK1(Ab-966) Antibody #21134.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ASK1(Ab-966) Antibody #21134(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using ASK1(Ab-966) Antibody #21134.

Descriptions

Immunogen	Peptide sequence around aa.964~968 (S-I-S-L-P) derived from Human ASK1.
Specificity	The antibody detects endogenous level of total ASK1 protein.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q99683NCBI Protein: NP_005914.1

Related Information

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.

Zhang W, et al. (2005) J Biol Chem. 280(19): 19036-19044.
Fujii K, et al. (2004) Oncogene. 23(29):5099-5104.
Goldman EH, et al. (2004) J Biol Chem 2004 Mar 12; 279(11): 10442-10449.
Zhang L, et al. (1999) Proc Natl Acad Sci U S A. 96(15): 8511-8515.