

ASK1(Ab-966) Antibody

Catalog No: #21134

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | ASK1(Ab-966) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications | WB IHC IF |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of total ASK1 protein. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around aa.964~968 (S-I-S-L-P) derived from Human ASK1. |
| Target Name | ASK1 |
| Other Names | ASK-1; M3K5; MAP3K5; MAPK/ERK kinase kinase 5; MAPKKK5 |
| Accession No. | Swiss-Prot: Q99683NCBI Protein: NP_005914.1 |
| Uniprot | Q99683 |
| GeneID | 4217; |
| Concentration | 1.0mg/ml |
| Formulation | 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. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

Application Details

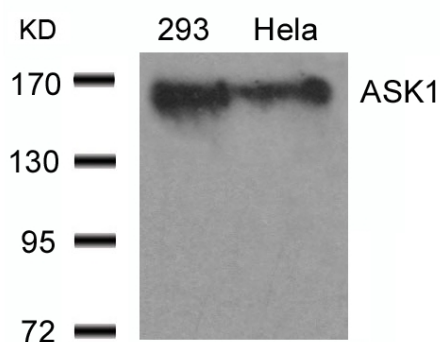
Predicted MW: 155kd

Western blotting: 1:500~1:1000

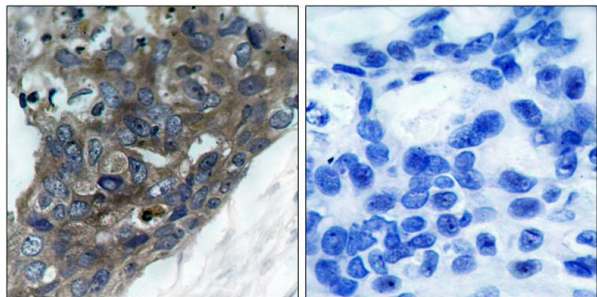
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

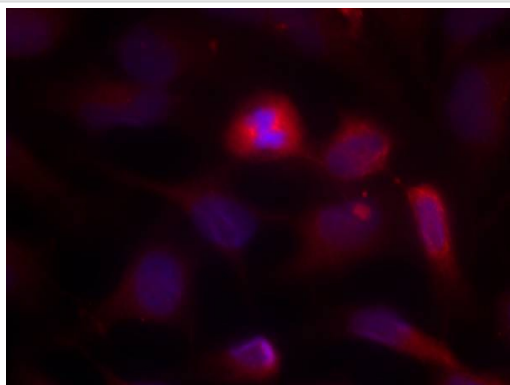
Images



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.

Background

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.

Note: This product is for in vitro research use only