ASK1(Ab-83) Antibody

Catalog No: #21125

Package Size: #21125-1 50ul #21125-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

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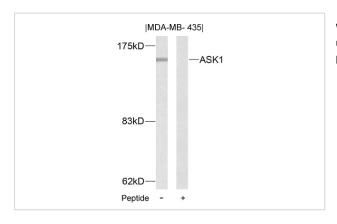
Product Name	ASK1(Ab-83) Antibody	
Host Species	Rabbit	
Clonality	Polyclonal	
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were	
	purified by affinity-chromatography using epitope-specific peptide.	
Applications	WB IHC IF	
Species Reactivity	Hu	
Specificity	The antibody detects endogenous level of total ASK1 protein.	
Immunogen Type	Peptide-KLH	
Immunogen Description	Peptide sequence around aa.81~85 (G-S-S-V-G) 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 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.	

Application Details

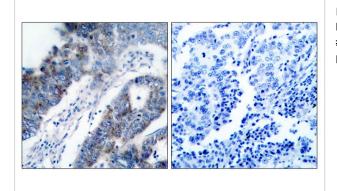
Predicted MW: 155kd

Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100
Immunofluorescence: 1:100~1:200

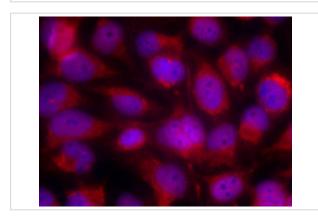
Images



Western blot analysis of extracts from MDA-MB- 435 cells using ASK1(Ab-83) Antibody #21125 and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ASK1(Ab-83) Antibody #21125(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using ASK1(Ab-83) Antibody #21125.

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.

Mabuchi S, et al. (2004) Endocrinology. 145(1): 49-58.

Yuan ZQ, et al. (2003) J Biol Chem. 278(26): 23432-23440.

Kim AH, et al. (2001) Mol Cell Biol. 21(3): 893-901.

Note: This product is for in vitro research use only