MSK1(Ab-376) Antibody

Catalog No: #21198

Package Size: #21198-1 50ul #21198-2 100ul #21198-4 25ul

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

Description

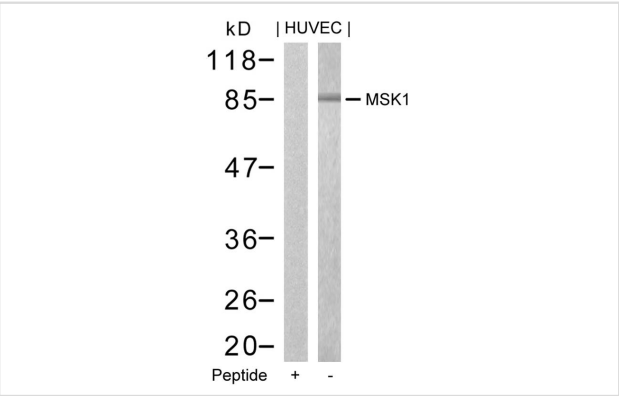
Product Name	MSK1(Ab-376) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total MSK1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.374~378 (G-Y-S-F-V) derived from Human MSK1.
Target Name	MSK1
Other Names	MSPK1; RPS6KA5;
Accession No.	Swiss-Prot: O75582NCBI Protein: NP_004746.2
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: 90kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HUVEC cells using MSK1(Ab-376) Antibody #21198 and the same antibody preincubated with blocking peptide.

Background

Serine/threonine kinase required for the mitogen or stress-induced phosphorylation of the transcription factors CREB (cAMP response element-binding

protein) and ATF1 (activating transcription factor-1). Essential role in the control of RELA transcriptional activity in response to TNF. Directly represses transcription via phosphorylation of 'Ser-1' of histone H2A. Phosphorylates 'Ser-10' of histone H3 in response to mitogenics, stress stimuli and epidemal growth-factor (EGF), which results in the transcriptional activation of several immediate early genes, including proto-oncogenes c-fos/FOS and c-jun/JUN. May also phosphorylate 'Ser-28' of histone H3. Mediates the mitogen- and stress-induced phosphorylation of high mobility group protein 14 (HMG-14).

Roux PP, et al. (2004) Microbiol Mol Biol Rev. Jun; 68(2): 320-344

McCOY C, et al. (2005) Biochem J. Apr 15; 387(Pt 2): 507-517

Note: This product is for in vitro research use only and is not intended for use in humans or animals.