

MKNK1 Antibody

Catalog No: #34046

Package Size: #34046-1 50ul #34046-2 100ul

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

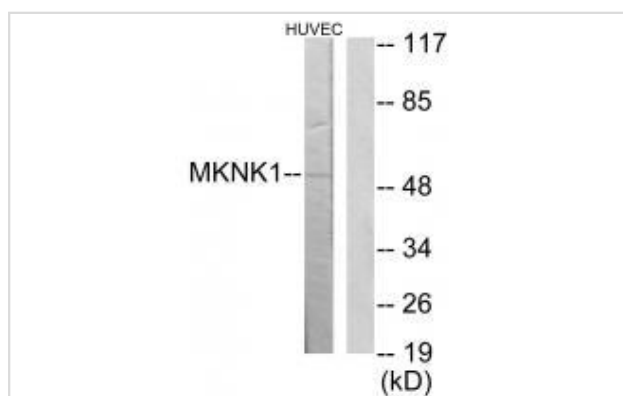
Description

Product Name	MKNK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MKNK1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MKNK1.
Target Name	MKNK1
Other Names	MAP kinase-interacting serine/threonine-protein kinase 1; EC 2.7.11.1; MAP kinase signal-integrating kinase 1; Mnk1; MKNK1
Accession No.	Swiss-Prot: Q9BUB5NCBI Gene ID: 8569
Uniprot	Q9BUB5
GeneID	8569;
SDS-PAGE MW	51kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG 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

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HuvEc cells, using MKNK1 antibody #34046.

Background

May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.

Fukunaga R., EMBO J. 16:1921-1933(1997).

Knauf U., Mol. Cell. Biol. 21:5500-5511(2001).

O'Loghlen A., Exp. Cell Res. 299:343-355(2004).

Note: This product is for in vitro research use only