

Mnk1 (Ab-385) Antibody

Catalog No: #33288

Package Size: #33288-1 50ul #33288-2 100ul

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

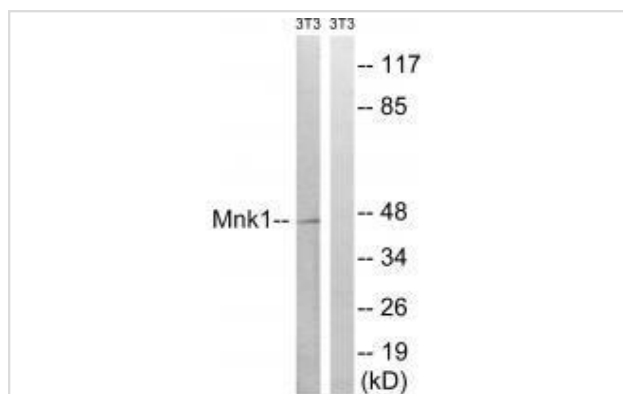
Description

Product Name	Mnk1 (Ab-385) 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 Ms
Specificity	The antibody detects endogenous levels of total Mnk1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human Mnk1 around the phosphorylation site of threonine 385 (L-P-T(p)-P-Q).
Target Name	Mnk1
Other Names	EC 2.7.11.1; kinase Mnk1; Map kinase interacting kinase; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine kinase 1
Accession No.	Swiss-Prot: Q9BUB5NCBI Gene ID: 8569
Uniprot	Q9BUB5
GeneID	8569;
SDS-PAGE MW	45kd
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

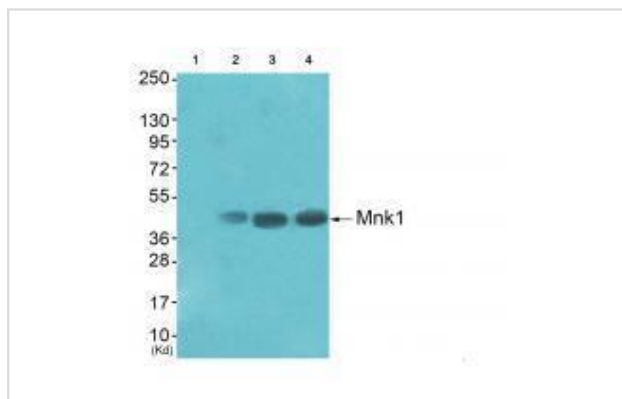
Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from 3T3 cells, treated with PMA (125ng/ml, 30mins), using Mnk1 (Ab-385) antibody #33288.



Western blot analysis of extracts from HepG2 cells (Lane 2), K562 cells (Lane 3) and Jurket cells (Lane 4), using Mnk1 (Ab-385) antibody #33288. The lane on the left is treated with synthesized peptide.

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

Note: This product is for in vitro research use only