

MNK1 (Phospho-Thr255) Antibody

Catalog No: #12142



Package Size: #12142-1 50ul #12142-2 100ul

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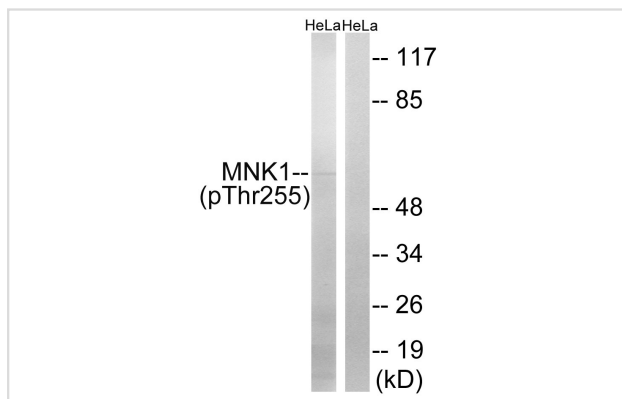
Description

Product Name	MNK1 (Phospho-Thr255) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of MNK1 only when phosphorylated at threonine 255.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of threonine 255 (L-T-T(p)-P-C) derived from Human MNK1.
Target Name	MNK1
Modification	Phospho
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; MKNK1
Accession No.	Swiss-Prot#:Q9BUB5;NCBI Gene#:8569
Uniprot	Q9BUB5
GeneID	8569;
SDS-PAGE MW	60kd
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 HeLa cells, treated with Adriamycin (0.5ug/ml, 24hours), using MNK1 (Phospho-Thr255) antibody #12142. The lane on the right is treated with the 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.

Note: This product is for in vitro research use only