

Mnk1 Antibody | anti-Mnk1 antibody

Mnk1 (Phospho-Thr385) Antibody

CATALOG # AAA109174	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

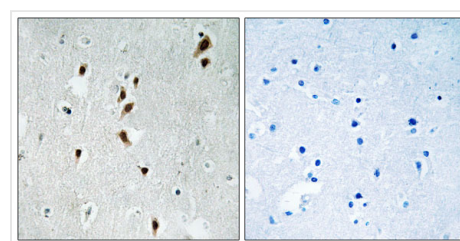
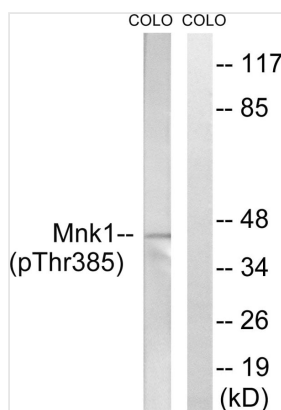
PRODUCT SYNONYMS

Mnk1; Mnk1 (Phospho-Thr385) Antibody; 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; anti-Mnk1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Mnk1 (Phospho-Thr385) antibody detects endogenous levels of Mnk1 only when phosphorylated at threonine 385.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	424
Applicable Applications for anti-Mnk1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Mnk1 around the phosphorylation site of threonine 385 (L-P-TP-P-Q).
All Sites	Human: Thr385 Mouse: Thr344 Rat: Thr332
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Mnk1 (Phospho-Thr385) antibody. Western blot analysis of extracts from COLO cells, treated with PMA (125ng/ml, 30mins), using Mnk1 (Phospho-Thr385) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Mnk1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	207113186
NCBI GeneID	8569
NCBI Accession #	NP_001129025.1
NCBI GenBank Nucleotide #	NM_001135553.2
UniProt Accession #	Q9BUB5; O00312; Q5TC06; Q5TC07; Q6V0N6; D3DQ20; D3DQ21
Molecular Weight	39,104 Da
NCBI Official Full Name	MAP kinase-interacting serine/threonine-protein kinase 1 isoform 3
NCBI Official Synonym Full Names	MAP kinase interacting serine/threonine kinase 1
NCBI Official Symbol	MKNK1
NCBI Official Synonym Symbols	MNK1
NCBI Protein Information	MAP kinase-interacting serine/threonine-protein kinase 1
UniProt Protein Name	MAP kinase-interacting serine/threonine-protein kinase 1
UniProt Gene Name	MKNK1
UniProt Synonym Gene Names	MNK1; MAPK signal-integrating kinase 1; Mnk1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.