10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MNK1 Antibody

Catalog # AP60484

Product Information

Application	WB, IHC
Primary Accession	Q9BUB5
Reactivity	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51342

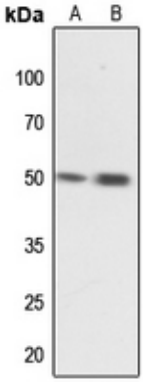
Additional Information

Gene ID	8569
Other Names	MNK1; MAP kinase-interacting serine/threonine-protein kinase 1; MAP kinase signal-integrating kinase 1; MAPK signal-integrating kinase 1; Mnk1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MNK1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

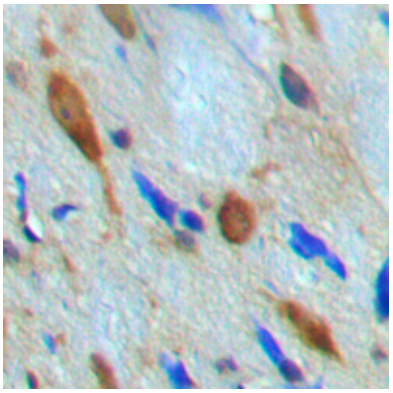
Protein Information

Name	MKNK1
Synonyms	MNK1
Function	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.
Cellular Location	[Isoform 2]: Cytoplasm.
Tissue Location	Ubiquitous..

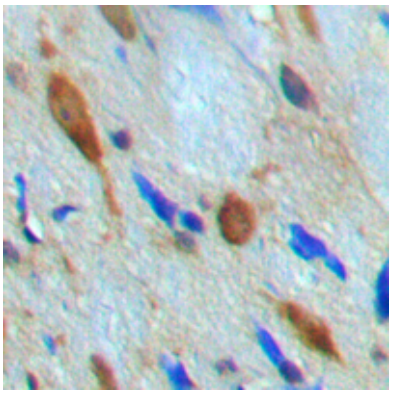
Images



Western blot analysis of MNK1 expression in Hela (A), H446 (B) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)



Immunohistochemical analysis of MNK1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of MNK1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.