

# Anti-MNK1 Antibody

Rabbit polyclonal antibody to MNK1

Catalog # AP60484

## Product Information

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Application	WB, IHC
Primary Accession	<a href="#">Q9BUB5</a>
Other Accession	<a href="#">O08605</a>
Reactivity	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51342

## Additional Information

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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	Recognizes endogenous levels of MNK1 protein.
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 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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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..

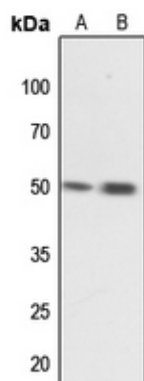
## Background

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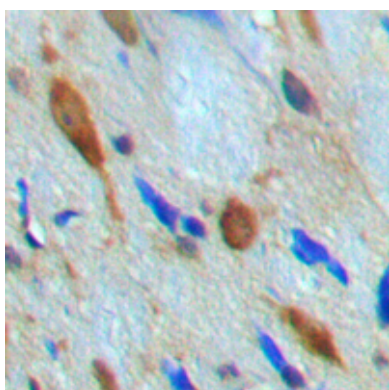
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MNK1. The exact sequence is proprietary.

## Images

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Western blot analysis of MNK1 expression in HeLa (A), H446 (B) whole cell lysates.



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'.