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Phospho-MNK1 (Thr250) Antibody

Rabbit Polyclonal Antibody
Catalog # ABV11853

Product Information

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

Additional Information

Gene ID	8569
Positive Control	WB: HepG2, Hela cell lysate; IHC: human breast cancer tissue
Application & Usage	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200
Alias Symbol	MKNK1
Other Names	MNK1, MAP kinase-interacting serine/threonine-protein kinase 1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1
Appearance	Colorless liquid
Formulation	In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Phospho-MNK1 (Thr250) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

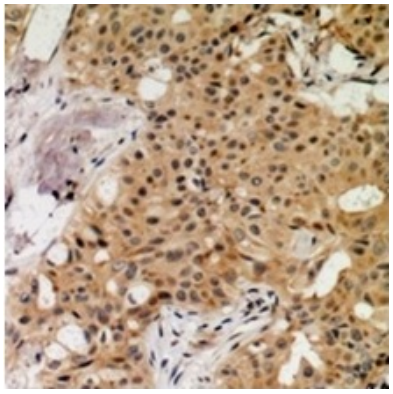
Name	MKNK1
Synonyms	MNK1
Function	May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine- containing mRNA cap.
Cellular Location	[Isoform 2]: Cytoplasm.

Tissue Location Ubiquitous..

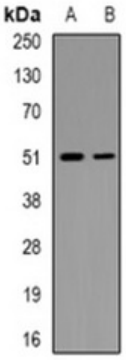
Background

This protein 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.

Images



Immunohistochemical analysis of Phospho-MNK1 (Thr250) staining in H.breast cancer formalin fixed paraffin embedded tissue section.



Western blot analysis of Phospho-MNK1 (Thr250) treated (A); HEK293T UV-treated (B) whole cell lysates.