

Phospho-MNK1 (Thr250) Antibody

Rabbit Polyclonal Antibody Catalog # ABV11853

Product Information

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

Additional Information

Gene ID	8569
Positive Control Application & Usage Alias Symbol Other Names	WB: HepG2, Hela cell lysate; IHC: human breast cancer tissue WB; 1:500 – 1:2000, IHC; 1:50 – 1:200 MKNK1 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.

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.

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