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Mnk1 Antibody (Ab-385)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50021

Product Information

Application	WB
Primary Accession	Q9BUB5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	51342

Additional Information

Gene ID	8569
Other Names	MAP kinase-interacting serine/threonine-protein kinase 1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1, MKNK1, MNK1
Dilution	WB~~ 1:250-1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

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

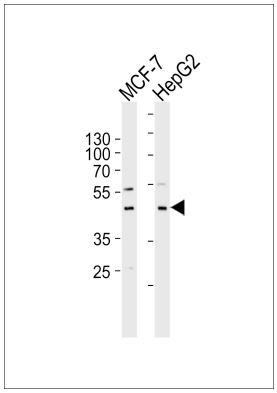
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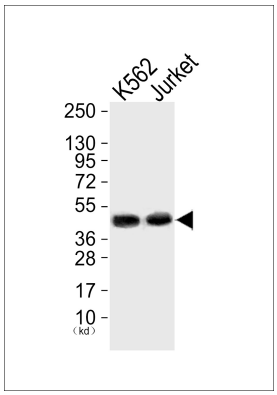
References

Fukunaga R.,et al.EMBO J. 16:1921-1933(1997).
Knauf U.,et al.Mol. Cell. Biol. 21:5500-5511(2001).
O'Loghlen A.,et al.Exp. Cell Res. 299:343-355(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of lysates from MCF-7,HepG2 cell line (from left to right),using Mnk1 Antibody (Ab-385)(B8376). B8376 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.



Western blot analysis of extracts from, K562 cells (Lane 1) and Jurket cells (Lane 2), using Mnk1 (Ab-385) Antibody. The lane on the left is treated with systhesized peptide.

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