

Mnk1 Antibody (Ab-385)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50021**Specification**

Mnk1 Antibody (Ab-385) - Product Information

Application	WB
Primary Accession	Q9BUB5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51,47,39 KDa
Antigen Region	365-395

Mnk1 Antibody (Ab-385) - 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

FormatRabbit 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°C

Mnk1 Antibody (Ab-385) - 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

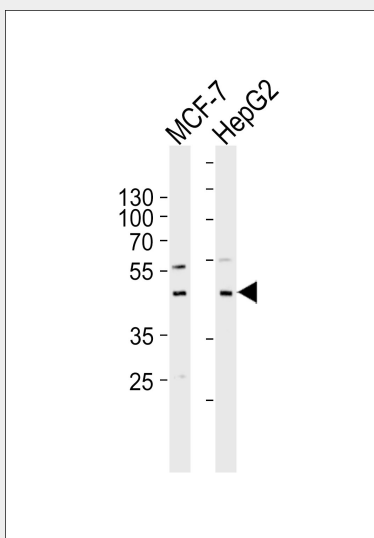
Ubiquitous..

Mnk1 Antibody (Ab-385) - Protocols

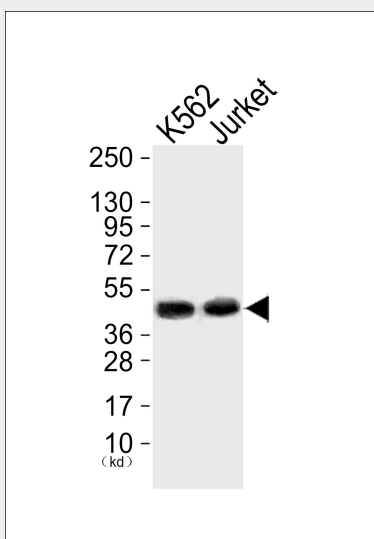
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mnk1 Antibody (Ab-385) - 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 synthesized peptide.

Mnk1 Antibody (Ab-385) - Background

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Mnk1 Antibody (Ab-385) - References

Fukunaga R., et al. EMBO J. 16:1921-1933(1997).
Knauf U., et al. Mol. Cell. Biol. 21:5500-5511(2001).
O'Loughlen 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.