10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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℃

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..

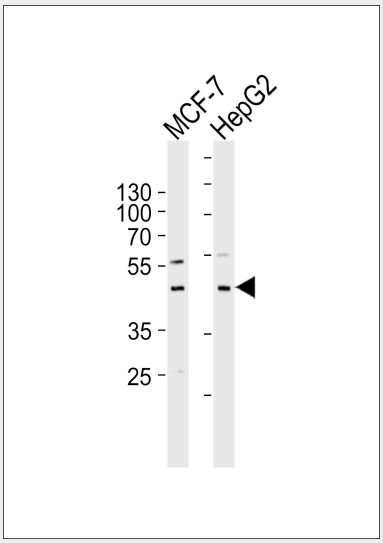
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mnk1 Antibody (Ab-385) - Protocols

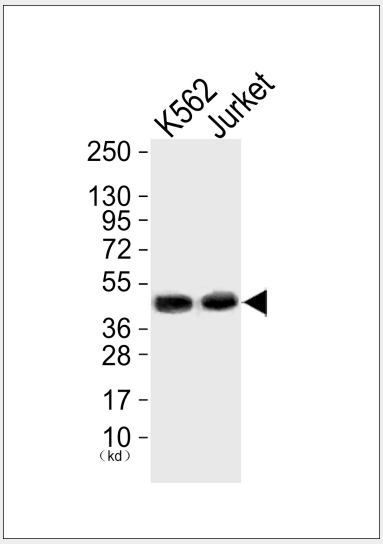
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

(Ab-385) Antibody. The lane on the left is treated with systhesized peptide.

Mnk1 Antibody (Ab-385) - Background

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.

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'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.