

# Mnk1 Antibody (Ab-385)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50021

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB                     |
| <b>Primary Accession</b> | <a href="#">Q9BUB5</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | polyclonal             |
| <b>Calculated MW</b>     | 51342                  |

## Additional Information

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|---------------------------|--|
| <b>Gene ID</b>            | 8569   |
| <b>Other Names</b>        | MAP kinase-interacting serine/threonine-protein kinase 1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1, MKNK1, MNK1    |
| <b>Dilution</b>           | WB~~ 1:250-1:1000  |
| <b>Format</b>             | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol. |
| <b>Storage Conditions</b> | -20°C  |

## Protein Information

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|--------------------------|---|
| <b>Name</b>              | MKNK1   |
| <b>Synonyms</b>          | MNK1  |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | [Isoform 2]: Cytoplasm.   |
| <b>Tissue Location</b>   | Ubiquitous..  |

## Background

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mRNA cap.

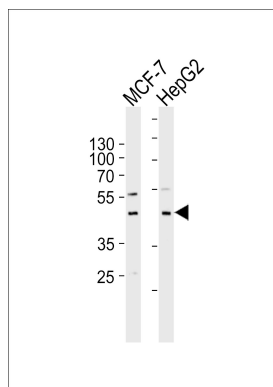
## References

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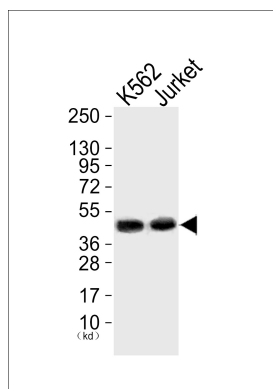
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## Images

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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.

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