

Product datasheet

Anti-MNK1 antibody ab56430

2 Images

Overview

Product name	Anti-MNK1 antibody
Description	Mouse monoclonal to MNK1
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein, corresponding to amino acids 1-466 of Human MNK1

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab56430** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

IHC-P

Application notes	WB: Use at a concentration of 1-5 µg/ml. IHC-P: Use at a concentration of 3 µg/ml.
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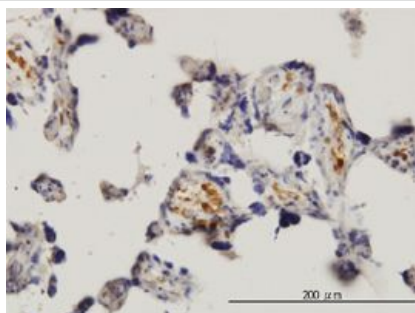
Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

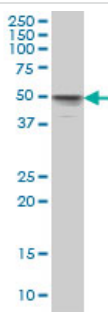
Function	May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.
Tissue specificity	Ubiquitous.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
Post-translational modifications	Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase.
Cellular localization	Cytoplasm and Cytoplasm. Nucleus.

Images



IHC-P - MNK1 antibody (ab56430)

MNK1 antibody (ab56430) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human placenta.



Western blot - MNK1 antibody (ab56430)

Predicted band size : 51 kDa
MNK1 antibody (ab56430) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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