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MKNK1 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full length recombinant MKNK1.
Catalog # AT2873a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9BUB5
Other Accession	BC002755
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2H8
Calculated MW	51342

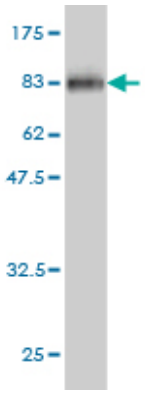
Additional Information

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
Target/Specificity	MKNK1 (AAH02755.1, 1 a.a. ~ 465 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MKNK1 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

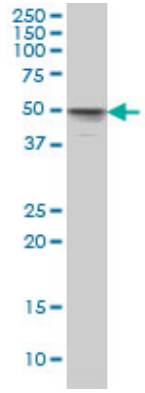
References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.The C-terminal domain of Mnk1a plays a dual role in tightly regulating its activity. Goto S, et al. Biochem J, 2009 Sep 25. PMID 19650764.Inhibition of mammalian target of rapamycin induces phosphatidylinositol 3-kinase-dependent and Mnk-mediated eukaryotic translation initiation factor 4E phosphorylation. Wang X, et al. Mol Cell Biol, 2007 Nov. PMID 17724079.Characterization of the activity of human MAP kinase-interacting kinase Mnk1b. O'Loghlen A, et al. Biochim Biophys Acta, 2007 Sep. PMID 17590453.Elevated inorganic phosphate stimulates Akt-ERK1/2-Mnk1 signaling in human lung cells. Chang SH, et al. Am J Respir Cell Mol Biol, 2006 Nov. PMID 16763222.

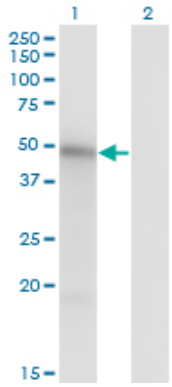
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (76.89 KDa) .

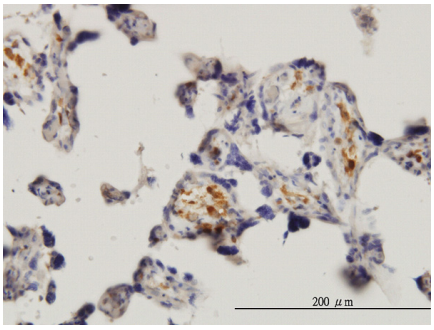


MKNK1 monoclonal antibody (M08), clone 2H8 Western Blot analysis of MKNK1 expression in HeLa ((Cat # AT2873a)



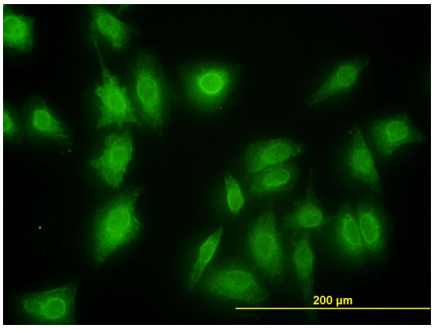
Western Blot analysis of MKNK1 expression in transfected 293T cell line by MKNK1 monoclonal antibody (M08), clone 2H8.

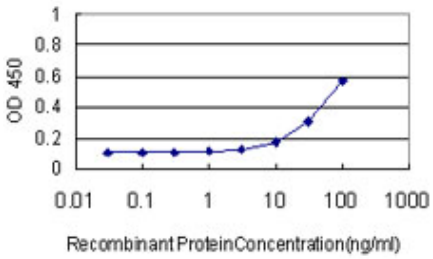
Lane 1: MKNK1 transfected lysate(51.3 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to MKNK1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

Immunofluorescence of monoclonal antibody to MKNK1 on HeLa cell. [antibody concentration 10 ug/ml]





Detection limit for recombinant GST tagged MKNK1 is approximately 3ng/ml as a capture antibody.

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