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MKNK1 Antibody (monoclonal) (M14)

Mouse monoclonal antibody raised against a full length recombinant MKNK1.
Catalog # AT2874a

Product Information

Application	WB, IHC, IF
Primary Accession	Q9BUB5
Other Accession	BC002755
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2F12
Calculated MW	51342

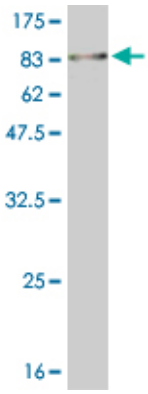
Additional Information

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
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) (M14) is for research use only and not for use in diagnostic or therapeutic procedures.

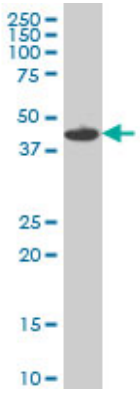
References

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.

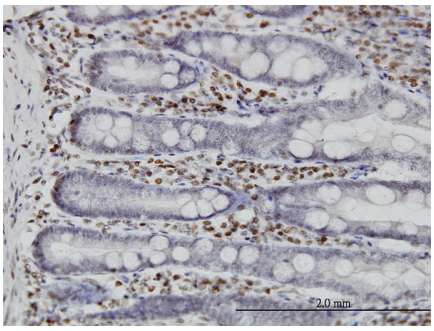
Images



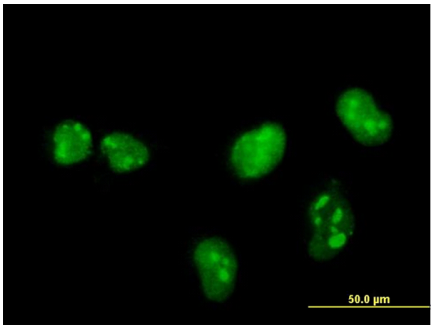
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (76.89 KDa) .



MKNK1 monoclonal antibody (M14), clone 2F12. Western Blot analysis of MKNK1 expression in Raw 264.7. (Isoform : 51.342, 47.402, 39.103 kD)



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



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

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