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MEIS2 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant MEIS2.
Catalog # AT2842a

Product Information

Application	WB, IF
Primary Accession	O14770
Other Accession	BC001516
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1D1
Calculated MW	51790

Additional Information

Gene ID	4212
Other Names	Homeobox protein Meis2, Meis1-related protein 1, MEIS2, MRG1
Target/Specificity	MEIS2 (AAH01516, 1 a.a. ~ 381 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	MEIS2 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

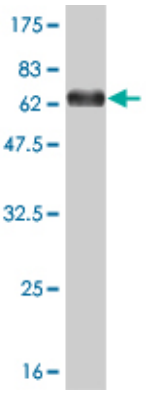
This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcription regulators, and several members have been shown to be essential contributors to developmental programs. Multiple transcript variants encoding distinct isoforms have been described for this gene.

References

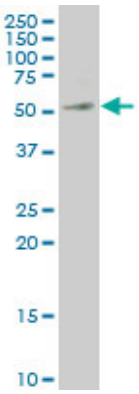
An autoinhibitory effect of the homothorax domain of Meis2. Hyman-Walsh C, et al. FEBS J, 2010 Jun. PMID 20553494.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Genomewide

pharmacogenomic study of metabolic side effects to antipsychotic drugs. Adkins DE, et al. Mol Psychiatry, 2010 Mar 2. PMID 20195266.Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. Vasan RS, et al. JAMA, 2009 Jul 8. PMID 19584346.MEIS proteins as partners of the TLX1/HOX11 oncoprotein. Milech N, et al. Leuk Res, 2010 Mar. PMID 19559479.

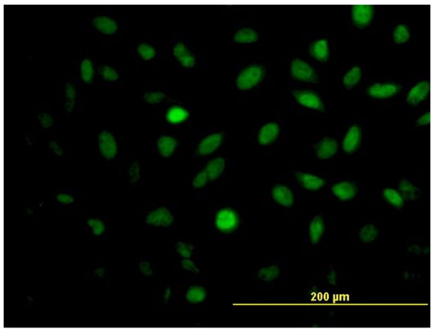
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (67.65 KDa) .



MEIS2 monoclonal antibody (M03), clone 1D1 Western Blot analysis of MEIS2 expression in IMR-32 ((Cat # AT2842a)



Immunofluorescence of monoclonal antibody to MEIS2 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'.