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LMO7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant LMO7.
Catalog # AT2727a

Product Information

Application	IF
Primary Accession	Q8WWI1
Other Accession	NM_005358
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4B4
Calculated MW	192696

Additional Information

Gene ID	4008
Other Names	LIM domain only protein 7, LMO-7, F-box only protein 20, LOMP, LMO7, FBX20, FBXO20, KIAA0858
Target/Specificity	LMO7 (NP_005349, 453 a.a. ~ 540 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	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	LMO7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

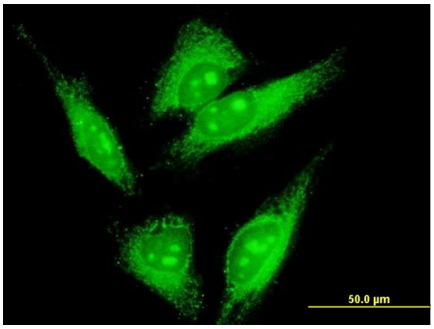
This gene encodes a protein containing a calponin homology (CH) domain, a PDZ domain, and a LIM domain, and may be involved in protein-protein interactions. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene, however, the full-length nature of some variants is not known.

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.Global, in vivo, and site-specific

phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.Lmo7 is an emerin-binding protein that regulates the transcription of emerin and many other muscle-relevant genes. Holaska JM, et al. Hum Mol Genet, 2006 Dec 1. PMID 17067998.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

Images



Immunofluorescence of monoclonal antibody to LMO7 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'.