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LHX6 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant LHX6.
Catalog # AT2711a

Specification

LHX6 Antibody (monoclonal) (M06) - Product Information

Application	**WB**
Primary Accession	Q9UPM6
Other Accession	NM_014368
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**40045**

LHX6 Antibody (monoclonal) (M06) - Additional Information

Gene ID 26468

Other Names
LIM/homeobox protein Lhx6, LIM homeobox protein 6, LIM/homeobox protein Lhx61, LHX6, LHX61

Target/Specificity
LHX6 (NP_055183, 274 a.a. ~ 363 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

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
LHX6 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

LHX6 Antibody (monoclonal) (M06) - Protocols

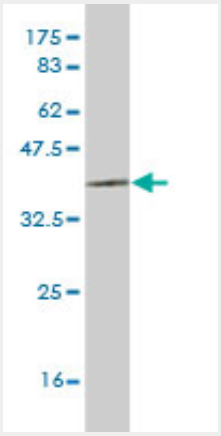
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

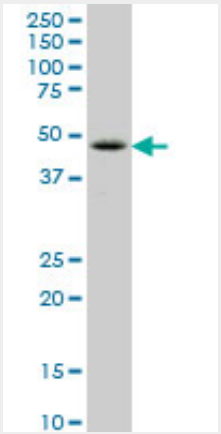
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LHX6 Antibody (monoclonal) (M06) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.64 KDa) .



LHX6 monoclonal antibody (M06), clone 2A2 Western Blot analysis of LHX6 expression in Hela S3 NE ((Cat # AT2711a)

LHX6 Antibody (monoclonal) (M06) - Background

This gene encodes a member of a large protein family that contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and may be involved in the control of differentiation and development of neural and lymphoid cells. Two alternatively spliced transcript variants encoding distinct isoforms have been described for this gene. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined.

LHX6 Antibody (monoclonal) (M06) - 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.Human variation in alcohol response is influenced by variation in neuronal signaling genes. Joslyn G, et al. Alcohol Clin Exp Res, 2010 May. PMID 20201926.LHX6 is a sensitive methylation marker in head and neck carcinomas.

Est?cio MR, et al. Oncogene, 2006 Aug 17. PMID 16732332.The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901.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.