

LHX2 Monoclonal Antibody

Catalog No :	YM0415
Reactivity :	Human
Applications :	WB;IF;ELISA
Target :	LHX2
Gene Name :	LHX2
Protein Name :	LIM/homeobox protein Lhx2
Human Gene Id :	9355
Human Swiss Prot No :	P50458
Mouse Swiss Prot No :	Q9Z0S2
Immunogen :	Purified recombinant fragment of human LHX2 expressed in E. Coli.
Specificity :	LHX2 Monoclonal Antibody detects endogenous levels of LHX2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	44kD
P References :	1. PLoS One. 2008 Apr 23;3(4):e2025. 2. Science. 2008 Jan 18;319(5861):304-9.

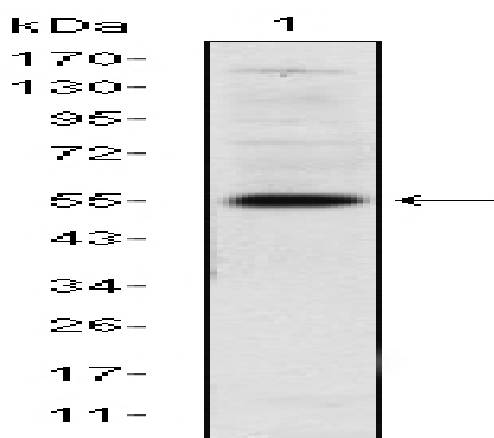
Background : This gene encodes a protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator. The protein can recapitulate or rescue phenotypes in *Drosophila* caused by a related protein, suggesting conservation of function during evolution. [provided by RefSeq, Jul 2008],

Function : function:Transcriptional regulatory protein involved in the control of cell differentiation in developing lymphoid and neural cell types.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 2 LIM zinc-binding domains.,

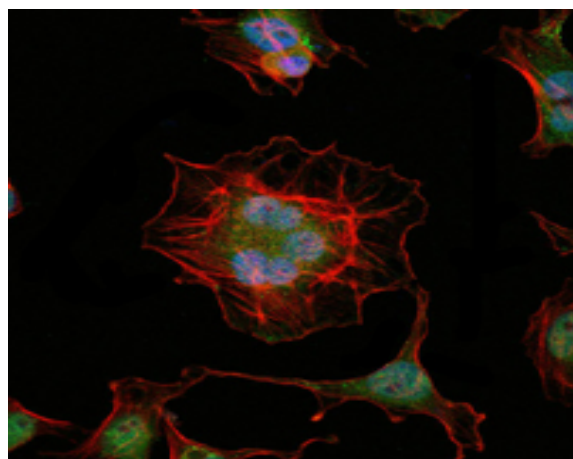
Subcellular Location : Nucleus .

Expression : Brain,Brain cortex,Placenta,

Products Images



Western Blot analysis using LHX2 Monoclonal Antibody against human LHX2 (AA: 200-406) recombinant protein.



Immunofluorescence analysis of HeLa cells using LHX2 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

