

## LHX2 Monoclonal Antibody

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

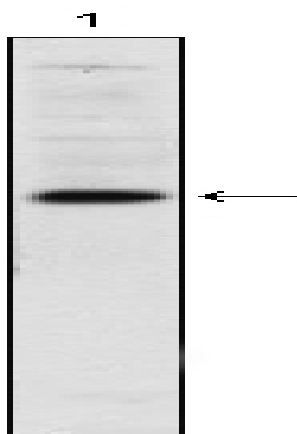
Nucleus .

**Expression :**

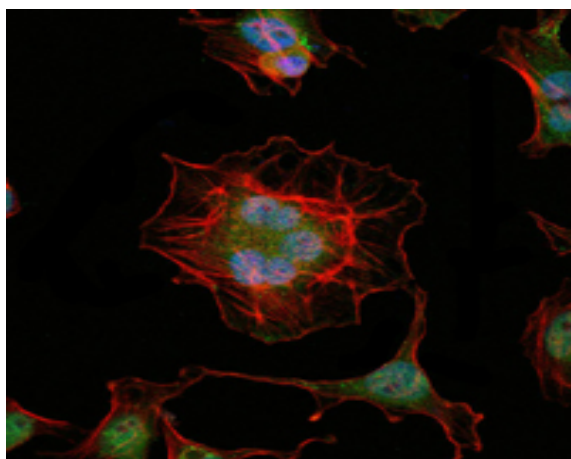
Brain,Brain cortex,Placenta,

## Products Images

kDa  
170 -  
150 -  
90 -  
72 -  
60 -  
40 -  
34 -  
26 -  
17 -  
11 -



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.

