

LHX1 Polyclonal Antibody

Catalog No :	YT2559
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	LHX1
Gene Name :	LHX1
Protein Name :	LIM/homeobox protein Lhx1
Human Gene Id :	3975
Human Swiss Prot No :	P48742
Mouse Gene Id :	16869
Mouse Swiss Prot No :	P63006
Rat Gene Id :	257634
Rat Swiss Prot No :	P63007
Immunogen :	Synthesized peptide derived from the Internal region of human LHX1.
Specificity :	LHX1 Polyclonal Antibody detects endogenous levels of LHX1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 44kD

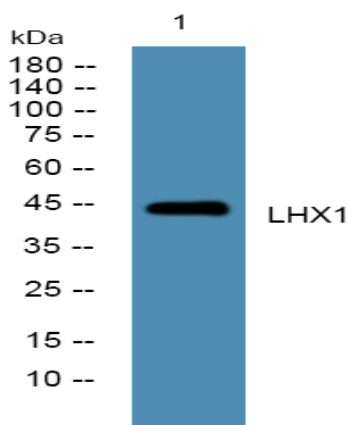
Background : This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor important for the development of the renal and urogenital systems. This gene is a candidate for Mayer-Rokitansky-Kuster-Hauser syndrome, a disorder characterized by anomalies in the female genital tract. [provided by RefSeq, Dec 2010],

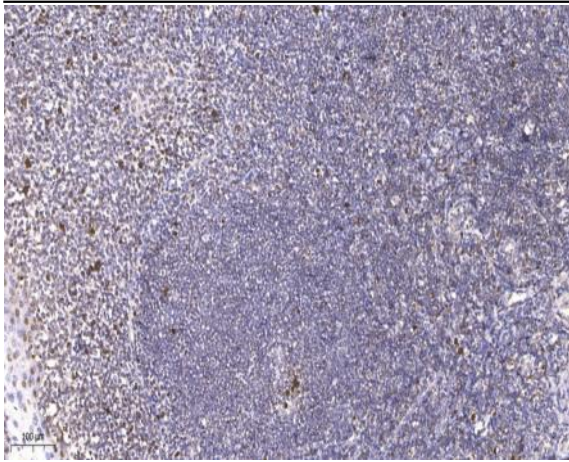
Function : domain:The LIM domains exert a negative regulatory function and disruption of the LIM domains produces an activated form. In addition, two activation domains and a negative regulatory domain exist C-terminally to the homeobox.,function:Potential transcription factor. May play a role in early mesoderm formation and later in lateral mesoderm differentiation and neurogenesis.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 2 LIM zinc-binding domains.,subunit:Interacts with LDB1 via the tandem LIM domains.,tissue specificity:Expressed in the brain, thymus, and tonsils. Expressed in samples from patients with chronic myeloid leukemia (CML) and in 58% of acute myeloid leukemia (AML) cell lines.,

Subcellular Location : Nucleus .

Expression : Expressed in the brain, thymus, and tonsils. Expressed in samples from patients with chronic myeloid leukemia (CML) and in 58% of acute myeloid leukemia (AML) cell lines.

Products Images





Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).