

## LHX1 Rabbit pAb

CatalogNo: YT2559

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 44kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:40000**

**IF 1:50-200**

### Storage

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

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from the Internal region of human LHX1.

**Specificity** LHX1 Polyclonal Antibody detects endogenous levels of LHX1 protein.

### Target Information

**Gene name** LHX1

**Protein Name** LIM/homeobox protein Lhx1

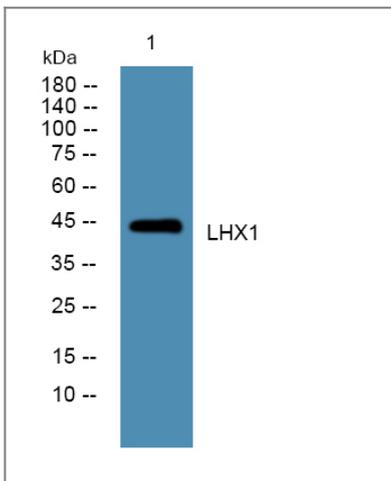
Organism	Gene ID	UniProt ID
Human	<a href="#">3975;</a>	<a href="#">P48742;</a>
Mouse	<a href="#">16869;</a>	<a href="#">P63006;</a>
Rat	<a href="#">257634;</a>	<a href="#">P63007;</a>

**Cellular Localization** Nucleus .

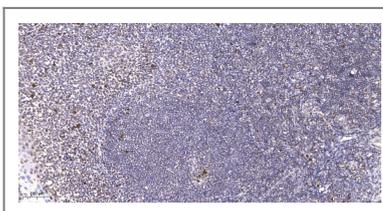
**Tissue specificity** Expressed in the brain, thymus, and tonsils. Expressed in samples from patients with chronic myeloid leukemia (CML) and in 58% of acute myeloid leukemia (AML) cell lines.

**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.,

## Validation Data



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night



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).

## | Contact information

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**LHX1 Rabbit pAb**

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