



# LHX1 rabbit pAb

Cat No.:ES6111

For research use only

## Overview

<b>Product Name</b>	LHX1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human LHX1.
<b>Specificity</b>	LHX1 Polyclonal Antibody detects endogenous levels of LHX1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	LIM/homeobox protein Lhx1
<b>Gene Name</b>	LHX1
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	44kD
<b>Human Gene ID</b>	3975
<b>Human Swiss-Prot Number</b>	P48742
<b>Alternative Names</b>	LHX1; LIM-1; LIM1; LIM/homeobox protein Lhx1; LIM homeobox protein 1; Homeobox protein Lim-1; hLim-1
<b>Background</b>	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.

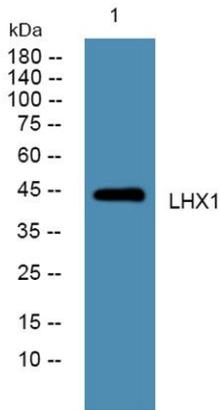




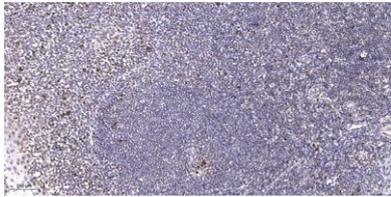
**ELK Biotechnology**

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],

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).



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