

Goat Anti-LHX2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1622a

Specification

Goat Anti-LHX2 Antibody - Product Information

Application	WB
Primary Accession	P50458
Other Accession	NP_004780 , 9355
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	44373

Goat Anti-LHX2 Antibody - Additional Information

Gene ID 9355

Other Names

LIM/homeobox protein Lhx2, Homeobox protein LH-2, LIM homeobox protein 2, LHX2, LH2

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-LHX2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-LHX2 Antibody - Protein Information

Name LHX2

Synonyms LH2

Function

Acts as a transcriptional activator. Stimulates the promoter of the alpha-glycoprotein gene. Transcriptional regulatory protein involved in the control of cell differentiation in developing lymphoid and neural cell types (By similarity).

Cellular Location

Nucleus.

Goat Anti-LHX2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-LHX2 Antibody - Images



AF1622a (1 µg/ml) staining of DAUDI lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-LHX2 Antibody - 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.

Goat Anti-LHX2 Antibody - References

Common genetic variation and performance on standardized cognitive tests. Cirulli ET, et al. *Eur J Hum Genet*, 2010 Jul. PMID 20125193.

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Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. *Nat Genet*, 2004 Jan. PMID 14702039.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. *Proc Natl Acad Sci U S A*, 2002 Dec 24. PMID 12477932.

Superactivation of Pax6-mediated transactivation from paired domain-binding sites by dna-independent recruitment of different homeodomain proteins. Mikkola I, et al. *J Biol Chem*, 2001 Feb 9. PMID 11069920.