

Goat Anti-LHX2 Antibody

Peptide-affinity purified goat antibody Catalog # AF1622a

Specification

Goat Anti-LHX2 Antibody - Product Information

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



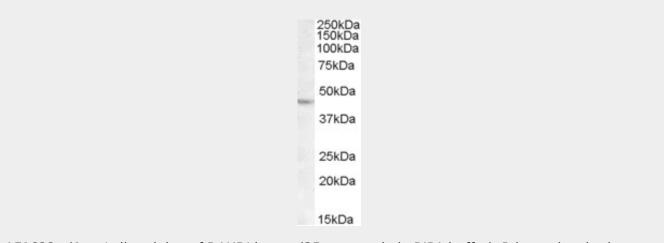
Cellular Location Nucleus.

Goat Anti-LHX2 Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Goat Anti-LHX2 Antibody - Images



AF1622a (1 μ g/ml) staining of DAUDI lysate (35 μ g 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.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

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.