

LHX6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14968b

Product Information

Application	WB, E
Primary Accession	Q9UPM6
Other Accession	NP_954629.2 , NP_055183.2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34927
Calculated MW	40045
Antigen Region	334-363

Additional Information

Gene ID	26468
Other Names	LIM/homeobox protein Lhx6, LIM homeobox protein 6, LIM/homeobox protein Lhx61, LHX6, LHX61
Target/Specificity	This LHX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-363 amino acids from the C-terminal region of human LHX6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LHX6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LHX6
Synonyms	LHX6.1

Function	Probable transcription factor required for the expression of a subset of genes involved in interneurons migration and development. Functions in the specification of cortical interneuron subtypes and in the migration of GABAergic interneuron precursors from the subpallium to the cerebral cortex (By similarity).
Cellular Location	Nucleus.

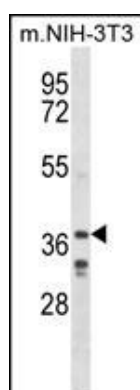
Background

This gene encodes a member of a large protein family that contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and may be involved in the control of differentiation and development of neural and lymphoid cells. Two alternatively spliced transcript variants encoding distinct isoforms have been described for this gene. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Jung, S., et al. Oncol. Rep. 23(6):1675-1682(2010)
Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010)
Estecio, M.R., et al. Oncogene 25(36):5018-5026(2006)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)

Images



LHX6 Antibody (C-term) (Cat. #AP14968b) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the LHX6 antibody detected the LHX6 protein (arrow).

Citations

- [Effective differentiation of induced pluripotent stem cells into dental cells.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.