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LHX4 Antibody(Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19528c

Specification

LHX4 Antibody(Center) - Product Information

Application	**WB,E**
Primary Accession	Q969G2
Other Accession	P53776, NP_203129.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**43124**
Antigen Region	**133-161**

LHX4 Antibody(Center) - Additional Information

Gene ID 89884

Other Names
LIM/homeobox protein Lhx4, LIM homeobox protein 4, LHX4

Target/Specificity
This LHX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-161 amino acids from the Central region of human LHX4.

Dilution
WB~~1:1000

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
LHX4 Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LHX4 Antibody(Center) - Protein Information

Name LHX4

Function May play a critical role in the development of respiratory control mechanisms and in the

normal growth and maturation of the lung. Binds preferentially to methylated DNA (PubMed:28473536).

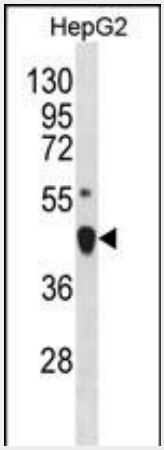
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

LHX4 Antibody(Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LHX4 Antibody(Center) - Images



LHX4 Antibody (Center) (Cat. #AP19528c) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the LHX4 antibody detected the LHX4 protein (arrow).

LHX4 Antibody(Center) - Background

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 may function as a transcriptional regulator and be involved in control of differentiation and development of the pituitary gland. Mutations in this gene are associated with syndromic short stature and pituitary and hindbrain defects. An alternative splice variant has been described but its biological nature has not been determined.

LHX4 Antibody(Center) - References

Dateki, S., et al. J. Clin. Endocrinol. Metab. (2010) In press :
Castinetti, F., et al. J. Clin. Endocrinol. Metab. 93(7):2790-2799(2008)
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Liu, S., et al. Biochem. Biophys. Res. Commun. 366(1):36-41(2008)
de Bruijn, D.R., et al. Oncogene 27(5):653-662(2008)