

Datasheet for ABIN2457952
anti-LHX4 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	LHX4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LHX4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human LHX4.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	LHX4
Alternative Name:	LHX4 (LHX4 Products)
Background:	LHX4 is 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. This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-

Target Details

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.

Molecular Weight: 43 kDa

Gene ID: 89884

NCBI Accession: [NP_203129](#)

UniProt: [P53776](#)

Application Details

Application Notes: LHX4 antibody can be used for detection of LHX4 by ELISA at 1:12500. LHX4 antibody can be used for detection of LHX4 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

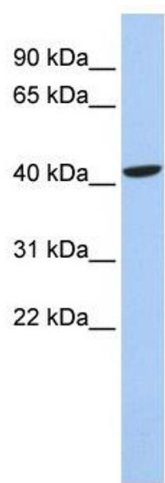
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store LHX4 antibody at -20 °C.



Western Blotting

Image 1.