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anti-LHX2 antibody (Middle Region)





Overview

Quantity:	100 μL
Target:	LHX2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LHX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LHX2
Sequence:	AEHLDRDQPY PSSQKTKRMR TSFKHHQLRT MKSYFAINHN PDAKDLKQLA
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Chicken, Human, Mouse (Murine), Pig (Porcine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against LHX2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

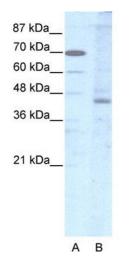
Target Details

Target Details	
Alternative Name:	LHX2 (LHX2 Products)
Background:	LHX2 is a protein belonging to a large protein family, members of which carry the LIM domain,
	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.
	Alias Symbols: LH2, hLhx2
	Protein Interaction Partner: LDB1, CITED2, RLIM, MSX1, PAX6,
	Protein Size: 406
Molecular Weight:	44 kDa
Gene ID:	9355
NCBI Accession:	NM_004789, NP_004780
UniProt:	P50458
Pathways:	Tube Formation
Application Details	
Application Notes:	WB Suggested Anti-LHX2 Antibody Titration: 2.5 μg/mL
	ELISA Titer: 1:312500
	Positive Control: HepG2 cell lysate.
	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 406 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-LHX2 Antibody Catalog Number: P100884 Lot Number: QC7891

LaneA: Marker

LaneB: HepG2 Cell Lysate

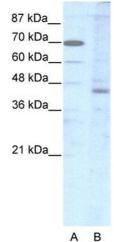
Antibody Titration: 2.5µg/ml Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-LHX2

Antibody Titration: 2.5 µg/mL ELISA Titer: 1:.12500

Positive Control: HepG2 cell lysate



Western Blotting

Image 2. WB Suggested Anti-LHX2 Antibody Titration:2.5ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 celllysate