

Datasheet for ABIN2782985
anti-LHX8 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	LHX8
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LHX8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LHX8
Sequence:	LSTGEEFALV EEKVLRCRVHY DCMLDNLKRE VENGNGISVE GALLTEQDVN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against LHX8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	LHX8
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Target Details

Alternative Name:	LHX8 (LHX8 Products)
Background:	LHX8 is a member of the LIM homeobox family. Members of this family share common structural features. They all contain 2 tandemly repeated cysteine-rich double-zinc finger motifs, called LIM domains, in addition to a homeodomain. The homeodomain is a DNA-binding domain, and the LIM domains are essential for regulating the activity of these molecules by interacting with other proteins. Members of the family are required for the patterning or the specification and differentiation of different cell types during embryonic development. Alias Symbols: Lhx7, LHX7 Protein Interaction Partner: NUTM1, SCYL3, KLF3, LDB1, SUV39H1, Protein Size: 356
Molecular Weight:	39 kDa
Gene ID:	431707
NCBI Accession:	NM_001001933 , NP_001001933
UniProt:	Q68G74

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 356 AA
Restrictions:	For Research Use only

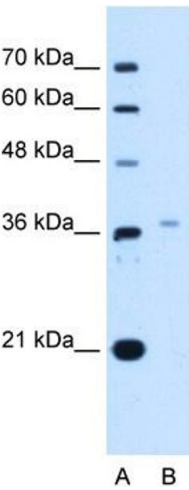
Handling

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 Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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



Western Blotting

Image 1. WB Suggested Anti-LHX8 Antibody Titration:
2.5ug/ml Positive Control: HepG2 cell lysate