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Datasheet for ABIN2774961  
**anti-LHX9 antibody (C-Term)**

3 Images

Overview

Quantity:	100 µL
Target:	LHX9
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LHX9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human LHX9
Sequence:	RNLLRQENGG VDKADGTSPL APPSADSGAL TPPGTATTLT DLTNPTITVV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against LHX9. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	LHX9
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## Target Details

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Alternative Name:	LHX9 ( <a href="#">LHX9 Products</a> )
Background:	<p>LHX9 encodes a member of the LIM homeobox gene family of developmentally expressed transcription factors. The encoded protein contains a homeodomain and two cysteine-rich zinc-binding LIM domains involved in protein-protein interactions. The protein is highly similar to a mouse protein that causes gonadal agenesis when inactivated, suggesting a role in gonadal development.</p> <p>Protein Interaction Partner: CWF19L2, KHK, LDB2, SMURF1, SMAD2, Protein Size: 397</p>
Molecular Weight:	44 kDa
Gene ID:	56956
NCBI Accession:	<a href="#">NM_020204</a> , <a href="#">NP_064589</a>
UniProt:	<a href="#">Q86UH2</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 397 AA
Restrictions:	For Research Use only

## Handling

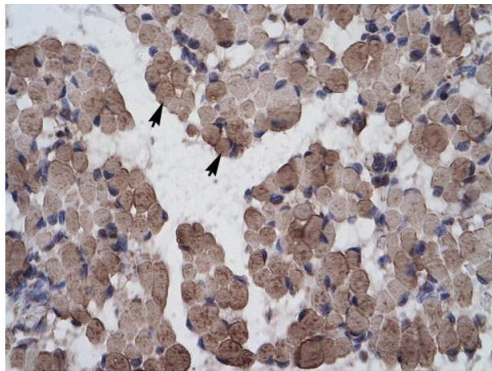
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.



### Western Blotting

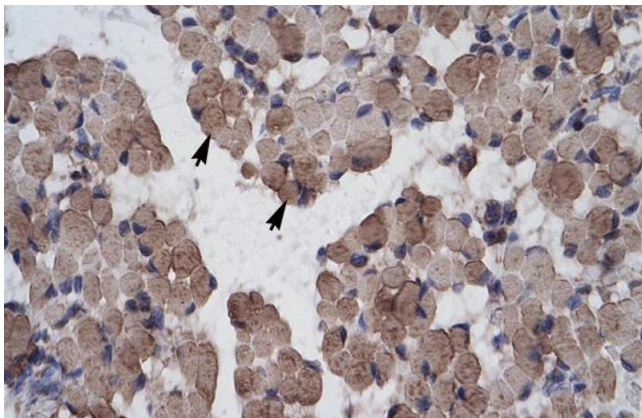
**Image 1.** WB Suggested Anti-LHX9 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate



Rabbit Anti-LHX9 Antibody  
Catalog Number: ARP35965  
Lot Number: QC5228  
Paraffin Embedded Tissue: Human Muscle  
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 2.** Human Muscle



### Immunohistochemistry

**Image 3.** Human Muscle