

Datasheet for ABIN2779773
anti-HOXD1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HOXD1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Zebrafish (Danio rerio), Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HOXD1
Sequence:	LTRARRIEIA NCLHLNDTQV KIWFQNRRMK QKKREREGLL ATAIPVAPLQ
Predicted Reactivity:	Cow: 90%, Dog: 100%, Guinea Pig: 92%, Horse: 90%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against HOXD1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HOXD1
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Target Details

Alternative Name:	HOXD1 (HOXD1 Products)
Background:	<p>HOXD1 is a protein with a homeobox DNA-binding domain, and it belongs to the Antp homeobox family. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis. This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis.</p> <p>Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: HOX4, HOX4G, Hox-4.7</p> <p>Protein Interaction Partner: HOXC9,</p> <p>Protein Size: 328</p>
Molecular Weight:	34 kDa
Gene ID:	3231
NCBI Accession:	NM_024501 , NP_078777
UniProt:	Q9GZZ0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 328 AA
Restrictions:	For Research Use only

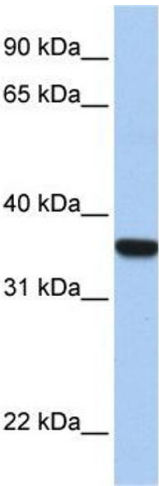
Handling

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

Handling

	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.

Images



Western Blotting

Image 1. WB Suggested Anti-HOXD1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver