

Product datasheet for **TA330643**

HOXD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HOXD1 antibody: synthetic peptide directed towards the C terminal of human HOXD1. Synthetic peptide located within the following region: LTRARRIEIANCLHLNDTQVKIWFQNRMMKQKKREREGLLATAIPVAPLQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	homeobox D1
Database Link:	NP_078777 Entrez Gene 3231 Human Q9GZZ0



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Background:

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. 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.

Synonyms:

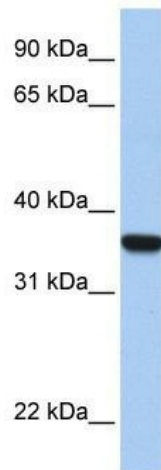
Hox-4.7; HOX4; HOX4G

Note:

Dog: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Pig: 92%; Rabbit: 92%; Guinea pig: 92%; Horse: 90%; Bovine: 90%; Zebrafish: 90%

Protein Families:

Transcription Factors

Product images:

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