

Rabbit HOXD10 Polyclonal Antibody | anti-HOXD10 antibody

HOXD10 Antibody (C-term)

CATALOG # AAA287954	HOST Rabbit	REACTIVITY Mouse, Zebrafish (Predicted Reactivity: Chicken)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

HOXD10; Polyclonal Antibody; HOXD10 Antibody (C-term); Homeobox protein Hox-D10; Homeobox protein Hox-4D; Homeobox protein Hox-4E; HOX4D; HOX4E; anti-HOXD10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Zebrafish (Predicted Reactivity: Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOXD10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 305-334 amino acids from the C-terminal region of human HOXD10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	305-334
Sequence Length	340
Applicable Applications for anti-HOXD10 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

HOXD10 Antibody (C-term) western blot analysis in zebra fish brain tissue lysates (35ug/lane). This demonstrates the HOXD10 antibody detected the HOXD10 protein (arrow).


WB (Western Blot)

HOXD10 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the HOXD10 antibody detected the HOXD10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HOXD10 antibody	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as 'rocker-bottom foot' deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease.
References	Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Reddy, S.D., et al. Cancer Res. 68(20):8195-8200(2008) Gurnett, C.A., et al. Clin. Orthop. Relat. Res. 462, 27-31 (2007) : Zhao, X., et al. Am. J. Hum. Genet. 80(2):361-371(2007) Wang, L.L., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 22(6):653-656(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510366
NCBI GeneID	3236
NCBI Accession #	NP_002139.2
NCBI GenBank Nucleotide #	NM_002148.3
UniProt Accession #	P28358; Q6NT10
Molecular Weight	38411
NCBI Official Full Name	homeobox protein Hox-D10
NCBI Official Synonym Full Names	homeobox D10
NCBI Official Symbol	HOXD10
NCBI Official Synonym Symbols	HOX4; HOX4D; HOX4E; Hox-4.4
NCBI Protein Information	homeobox protein Hox-D10
UniProt Protein Name	Homeobox protein Hox-D10
UniProt Gene Name	HOXD10
UniProt Synonym Gene Names	HOX4D; HOX4E
UniProt Entry Name	HXD10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hoxd10-antibody-western-blot-elisa/287954>