

Rabbit HOXD12 Polyclonal Antibody | anti-HOXD12 antibody

HOXD12 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197421	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HOXD12; Polyclonal Antibody; HOXD12 antibody - N-terminal region; anti-HOXD12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MC ERSLYRAGYV GSLLNLQSPD SFYFSNLRPN GGQLAALPPI SYPRGALP
Sequence Length	279
Applicable Applications for anti-HOXD12 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXD12
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-HOXD12 Antibody Titration: 5.0ug/ml Positive Control: Human Muscle


IHC (Immunohistochemistry)

Human Smooth Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-HOXD12 antibody

This is a rabbit polyclonal antibody against HOXD12. It was validated on Western Blot and immunohistochemistry

Target Description: HOXD12 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. The exact role of this gene has not been determined.

Product Categories/Family for anti-HOXD12 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Immunohistochemistry; Transcription Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194353946
NCBI GeneID	3238
NCBI Accession #	NP_067016
NCBI GenBank Nucleotide #	NM_021193
UniProt Accession #	P35452
Molecular Weight	30kDa
NCBI Official Full Name	homeobox protein Hox-D12
NCBI Official Synonym Full Names	homeobox D12
NCBI Official Symbol	HOXD12
NCBI Official Synonym Symbols	HOX4H
NCBI Protein Information	homeobox protein Hox-D12
UniProt Protein Name	Homeobox protein Hox-D12
UniProt Gene Name	HOXD12
UniProt Synonym Gene Names	HOX4H
UniProt Entry Name	HXD12_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/hoxd12-antibody-western-blot-immunohistochemistry-elisa/197421>