

Rabbit HOXB9 Polyclonal Antibody | anti-HOXB9 antibody

HOXB9 antibody - N-terminal region

CATALOG # AAA197419	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

HOXB9; Polyclonal Antibody; HOXB9 antibody - N-terminal region; anti-HOXB9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity 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: SP HASGSLPSVY HPYIQPGVP PAESRYLRTW LEPAPRGEAA PGQGQAAV
Sequence Length	250
Applicable Applications for anti-HOXB9 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 79%; Pig: 100%; Rabbit: 100%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXB9
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



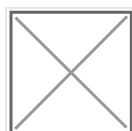
WB (Western Blot)

WB Suggested Anti-HOXB9 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



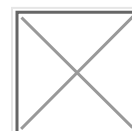
WB (Western Blot)

Host: Rabbit Target Name: HOXB9 Sample Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-HOXB9 Antibody Paraffin Embedded Tissue: Human alveolar cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



IHC (Immunohistochemistry)

Human Lung



IHC (Immunohistochemistry)
Human Heart

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB9 antibody	This is a rabbit polyclonal antibody against HOXB9. It was validated on Western Blot and immunohistochemistry Target Description: HOXB9 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. HOXB9 is one of several homeobox HOXB genes located in a cluster on chromosome 17. The exact role of this gene has yet to be determined.
Product Categories/Family for anti-HOXB9 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	15029508
NCBI GeneID	3219
NCBI Accession #	NP_076922
NCBI GenBank Nucleotide #	NM_024017
UniProt Accession #	P17482
Molecular Weight	28kDa
NCBI Official Full Name	homeobox protein Hox-B9
NCBI Official Synonym Full Names	homeobox B9
NCBI Official Symbol	HOXB9
NCBI Official Synonym Symbols	HOX2; HOX2E; HOX-2.5
NCBI Protein Information	homeobox protein Hox-B9
UniProt Protein Name	Homeobox protein Hox-B9
UniProt Gene Name	HOXB9
UniProt Synonym Gene Names	HOX2E
UniProt Entry Name	HXB9_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/hoxb9-antibody-western-blot-immunohistochemistry-elisa/197419>