Rabbit HOXB5 Polyclonal Antibody | anti-HOXB5 antibody

HOXB5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197172	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

HOXB5; Polyclonal Antibody; HOXB5 antibody - N-terminal region; anti-HOXB5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, 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	Syntheticp eptideloca tedwithint hefollowin gregion:MS SYFVNSFSGR YPNGPDYQLL NYGSGSSLSG SYRDPAAMHT GSYGYNYN
Sequence Length	269
Applicable Applications for anti-HOXB5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 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 HOXB5
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-HOXB5 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Jurkat cell lysate

WB (Western Blot)
Host: RabbitTarget Name: HOXB5Sample Tissue: Human Stomach TumorAntibody Dilution: 1.0ug/ml

IHC (Immunohistochemistry)
Human Pancrease lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB5 antibody	This is a rabbit polyclonal antibody against HOXB5. It was validated on Western Blot and immunohistochemistry Target Description: HOXB5 belongs to the homeobox family. 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 HOXB genes located in a cluster on chromosome 17. The exact role of this gene has yet to be determined.This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue.
Product Categories/Family for anti-HOXB5 antibody	Polyclonal; Transcription Factor; Chromatin & Nuclear Signaling; Developmental Biology; DNA/RNA/Protein Interactions; Immunohistochemistry; Cell Structure; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504469
NCBI GeneID	3215
NCBI Accession #	NP_002138
NCBI GenBank Nucleotide #	NM_002147
UniProt Accession #	P09067
Molecular Weight	30kDa
NCBI Official Full Name	homeobox protein Hox-B5
NCBI Official Synonym Full Names	homeobox B5
NCBI Official Symbol	HOXB5
NCBI Official Synonym Symbols	HOX2; HU-1; HOX2A; Hox2.1; HHO.C10
NCBI Protein Information	homeobox protein Hox-B5
UniProt Protein Name	Homeobox protein Hox-B5
UniProt Gene Name	**HOXB5**
UniProt Synonym Gene Names	HOX2A
UniProt Entry Name	HXB5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/hoxb5-antibody-western-blot-immunohistochemistry-elisa/197172