

Rabbit HOXB3 Polyclonal Antibody | anti-HOXB3 antibody

HOXB3 antibody - N-terminal region

CATALOG # AAA197139	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

HOXB3; Polyclonal Antibody; HOXB3 antibody - N-terminal region; anti-HOXB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
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 located within the following region: GP SKSGPPKCGP GTNSTLTQI FPWMKESRQT SKLKNNSPGT AEGCGGGG
Sequence Length	431
Applicable Applications for anti-HOXB3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXB3
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.

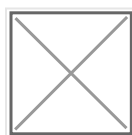
IMAGES


WB (Western Blot)

WB Suggested Anti-HOXB3 antibody Titration: 1 ug/mL Sample Type: Human heart


WB (Western Blot)

WB Suggested Anti-HOXB3 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate HOXB3 is supported by BioGPS gene expression data to be expressed in HepG2


WB (Western Blot)

Host: Rabbit Target Name: HOXB3 Sample Type: HepG2 Antibody Dilution: 1.0 ug/mL HOXB3 is supported by BioGPS gene expression data to be expressed in HepG2

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB3 antibody	This is a rabbit polyclonal antibody against HOXB3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HOXB3 belongs to ANTP homeobox family. It is a nuclear protein with a homeobox DNA-binding domain. HOXB3 gene is included in a cluster of homeobox B genes located on chromosome 17. The protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML).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 development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). 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.
Product Categories/Family for anti-HOXB3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Developmental Biology; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	84570137
NCBI GeneID	3213
NCBI Accession #	NP_002137
NCBI GenBank Nucleotide #	NM_002146
UniProt Accession #	P14651
Molecular Weight	44kDa
NCBI Official Full Name	homeobox protein Hox-B3 isoform 1
NCBI Official Synonym Full Names	homeobox B3
NCBI Official Symbol	HOXB3
NCBI Official Synonym Symbols	HOX2; HOX2G; Hox-2.7
NCBI Protein Information	homeobox protein Hox-B3
UniProt Protein Name	Homeobox protein Hox-B3
UniProt Gene Name	HOXB3
UniProt Synonym Gene Names	HOX2G

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.