

Rabbit anti-Human HOXB3 Polyclonal Antibody | anti-HOXB3 antibody

HOXB3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288710	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

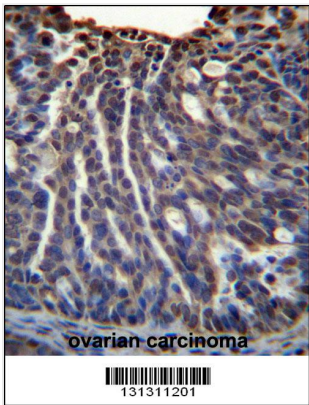
PRODUCT SYNONYMS

HOXB3; Polyclonal Antibody; HOXB3 Antibody (Center); Homeobox protein Hox-B3; Homeobox protein Hox-27; Homeobox protein Hox-2G; HOX2G; anti-HOXB3 antibody

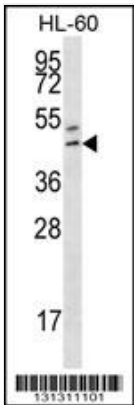
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOXB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-148 amino acids from the Central region of human HOXB3.
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	119-148
Sequence Length	431
Applicable Applications for anti-HOXB3 antibody	IHC (Immunohistochemistry), 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



IHC (Immunohiostchemistry)
HOXB3 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human ovarian carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HOXB3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HOXB3 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the HOXB3 antibody detected the HOXB3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB3 antibody	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).
Product Categories/Family for anti-HOXB3 antibody	Signal Transduction
References	Palakurthy, R.K., et al. Mol. Cell 36(2):219-230(2009) Ferrai, C., et al. Mol. Biol. Cell 20(15):3543-3551(2009) Chung, N., et al. Mol. Biol. Rep. 36(2):227-235(2009) Speleman, F., et al. Leukemia 19(3):358-366(2005) Roche, J., et al. Leukemia 18(6):1059-1063(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	84570137
NCBI GeneID	3213
NCBI Accession #	NP_002137.4
NCBI GenBank Nucleotide #	NM_002146.4
UniProt Accession #	P14651; O95615; P17484; A8K567; B7Z5N8; B7Z5P8; B7ZAD0; D3DTV3
Molecular Weight	44340
NCBI Official Full Name	homeobox protein Hox-B3
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
UniProt Entry Name	HXB3_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/hoxb3-antibody-immunohistochemistry-western-blot-elisa/288710>