Rabbit HOXA3 Polyclonal Antibody | anti-HOXA3 antibody

HOXA3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290390	**Rabbit**	**Human (Predicted Reactivity: Bovine, Chicken, Mouse, Zebrafish)**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

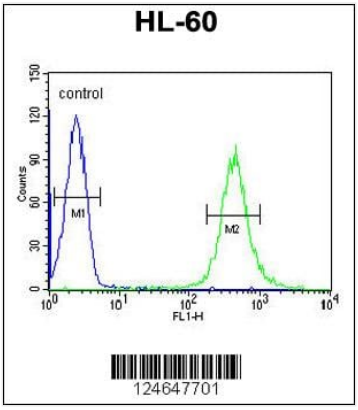
PRODUCT SYNONYMS

HOXA3; Polyclonal Antibody; HOXA3 Antibody (C-term); Homeobox protein Hox-A3; Homeobox protein Hox-1E; HOX1E; anti-HOXA3 antibody

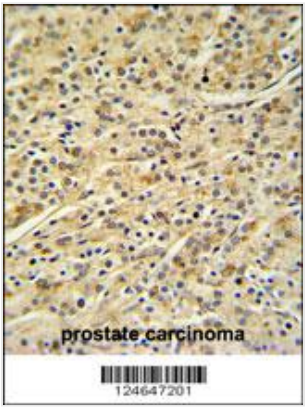
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOXA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 413-440 amino acids from the C-terminal region of human HOXA3.
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	413-440
Sequence Length	443
Applicable Applications for anti-HOXA3 antibody	FCM/FACS (Flow Cytometry), 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.

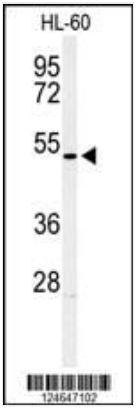
IMAGES



FCM/FACS (Flow Cytometry)
HOXA3 Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
HOXA3 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HOXA3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HOXA3 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). HOXA3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA3 antibody	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation.
References	Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Chung, N., et al. Mol. Biol. Rep. 36(2):227-235(2009) Wissmuller, S., et al. Nucleic Acids Res. 34(6):1735-1744(2006) Manzanares, M., et al. EMBO J. 21(3):365-376(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13562112
NCBI GeneID	3200
NCBI Accession #	NP_109377.1; NP_705895.1
NCBI GenBank Nucleotide #	NM_030661.4
UniProt Accession #	O43365; A4D181
Molecular Weight	46369

NCBI Official Full Name	homeobox protein Hox-A3 isoform a
NCBI Official Synonym Full Names	homeobox A3
NCBI Official Symbol	HOXA3
NCBI Official Synonym Symbols	HOX1; HOX1E
NCBI Protein Information	homeobox protein Hox-A3
UniProt Protein Name	Homeobox protein Hox-A3
UniProt Gene Name	**HOXA3**
UniProt Synonym Gene Names	HOX1E
UniProt Entry Name	HXA3_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://www.aaabiotech.com/polyclonal/hoxa3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290390