

Rabbit HOXA5 Polyclonal Antibody | anti-HOXA5 antibody

HOXA5 Antibody (C-term E211)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289617	Rabbit	Human, mouse (Predicted Reactivity: Drosophila, Zebrafish, Chicken, Bovine, Rat, Xenopus)	Flow Cytometry, Functional Assay, ELISA, Western Blot

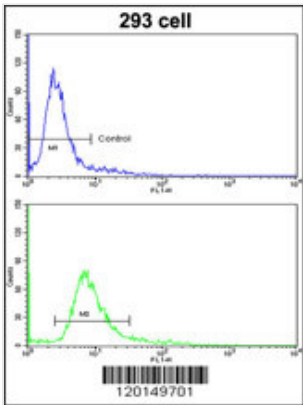
PRODUCT SYNONYMS

HOXA5; Polyclonal Antibody; HOXA5 Antibody (C-term E211); Homeobox protein Hox-A5; Homeobox protein Hox-1C; HOX1C; anti-HOXA5 antibody

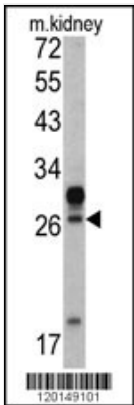
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Drosophila, Zebrafish, Chicken, Bovine, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOXA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-223 amino acids from the C-terminal region of human HOXA5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	196-223
Sequence Length	270
Applicable Applications for anti-HOXA5 antibody	FCM/FACS (Flow Cytometry), 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)
Flow cytometric analysis of 293 cells using HOXA5 Antibody (C-term E211)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of HOXA5 antibody (C-term E211) in mouse kidney tissue lysates (35ug/lane). HOXA5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA5 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. HOXA5 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. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.
Product Categories/Family for anti-HOXA5 antibody	Cancer
References	Chen,Y., Blood 111 (3), 1217-1226 (2008) Chen,H., Cancer Res. 67 (17), 8007-8013 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497517
NCBI GeneID	3202
NCBI Accession #	NP_061975.2
NCBI GenBank Nucleotide #	NM_019102.3
UniProt Accession #	P20719; O43367; Q96CY6; A4D179
Molecular Weight	29345
NCBI Official Full Name	homeobox protein Hox-A5
NCBI Official Synonym Full Names	homeobox A5
NCBI Official Symbol	HOXA5
NCBI Official Synonym Symbols	HOX1; HOX1C; HOX1.3
NCBI Protein Information	homeobox protein Hox-A5
UniProt Protein Name	Homeobox protein Hox-A5
UniProt Gene Name	HOXA5
UniProt Synonym Gene Names	HOX1C

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://www.aaabiotech.com/polyclonal/hoxa5-antibody-flow-cytometry-western-blot-elisa/289617>