

Rabbit HOXB5 Polyclonal Antibody | anti-HOXB5 antibody

HOXB5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288101	Rabbit	Human (Predicted Reactivity: Drosophila, Zebrafish, Chicken, Mouse, Sheep, Bovine, Rat, Xenopus)	Immunoprecipitation, ELISA, Western Blot

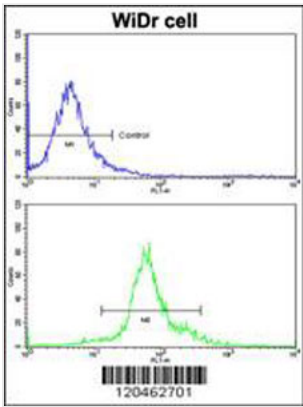
PRODUCT SYNONYMS

HOXB5; Polyclonal Antibody; HOXB5 Antibody (C-term); Homeobox protein Hox-B5; Homeobox protein HHOC10; Homeobox protein Hox-2A; Homeobox protein Hu-1; HOX2A; anti-HOXB5 antibody

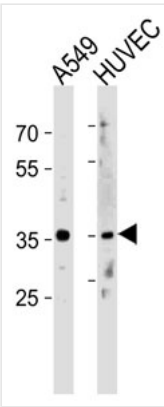
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Drosophila, Zebrafish, Chicken, Mouse, Sheep, Bovine, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOXB5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-222 amino acids from the C-terminal region of human HOXB5.
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	1mg/ml (varies by lot)
Sequence Positions	193-222
Sequence Length	269
Applicable Applications for anti-HOXB5 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	Human
Tissue Location	Spinal Cord
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.

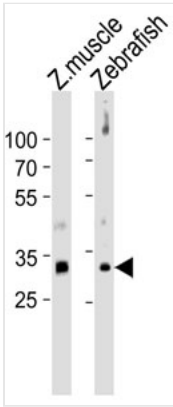
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of widr cells using HOXB5 Antibody (C-term)(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)
HOXB5 Antibody (C-term) western blot analysis in A549,HUVEC cell line lysates (35ug/lane).This demonstrates the HOXB5 antibody detected the HOXB5 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from zebra fish muscle, Zebrafish tissue lysate (from left to right), using DANRE HOXD4 Antibody. AAA288101 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB5 antibody	HOXB5 is a nuclear protein with a homeobox DNA-binding domain. This protein functions as a sequence-specific transcription factor that is involved in lung and gut development.
References	Kosaki,K., et.al., Teratology 65 (2), 50-62 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504469
NCBI GeneID	3215
NCBI Accession #	NP_002138.1
NCBI GenBank Nucleotide #	NM_002147.3
UniProt Accession #	P09067; P09069; Q17RP4; B2RC69
Molecular Weight	29434
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hoxb5-antibody-immunoprecipitation-western-blot-elisa/288101>