

HOXB5 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6834b

Product Information

Application	FC, WB, E
Primary Accession	P09067
Other Accession	P09077 , P10628 , P09016 , P17278 , Q57374 , P02832 , P10629 , P09630 , P15862 , P09020 , P32043 , Q00444 , P09074 , P04476 , Q91771 , P14839 , Q9YGT4 , P15861 , P09019 , P09079 , P14838 , P09013 , P09014 , P09071 , P09634 , P02830 , P31268 , Q90VZ9 , P09092 , P31267 , Q5YLH5 , P52949
Reactivity	Human, Mouse
Predicted	Drosophila, Chicken, Human, Bovine, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29434
Antigen Region	193-222

Additional Information

Gene ID	3215
Other Names	Homeobox protein Hox-B5, Homeobox protein HHOC10, Homeobox protein Hox-2A, Homeobox protein Hu-1, HOXB5, HOX2A
Target/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.
Dilution	FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HOXB5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HOXB5
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Synonyms	HOX2A
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Cellular Location	Nucleus.
Tissue Location	Spinal cord.

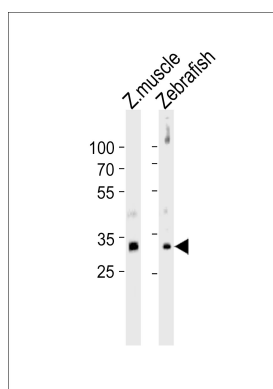
Background

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.

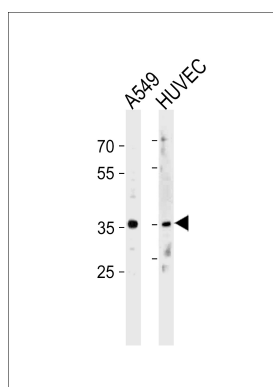
References

Kosaki,K., et.al., Teratology 65 (2), 50-62 (2002)

Images

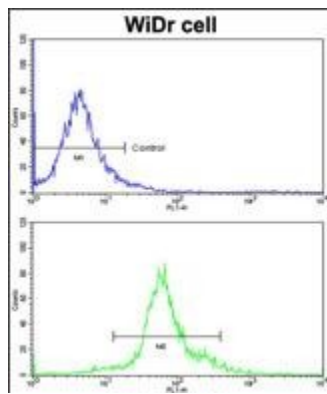


Western blot analysis of lysates from zebra fish muscle, Zebrafish tissue lysate (from left to right), using DANRE HOXD4 Antibody (Cat. #AP6834b). AP6834b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



HOXB5 Antibody (C-term) (Cat. #AP6834b) western blot analysis in A549, HUVEC cell line lysates (35ug/lane). This demonstrates the HOXB5 antibody detected the HOXB5 protein (arrow).

Flow cytometric analysis of wide 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.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.