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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, O57374, 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, Canine, Rabbit
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

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.

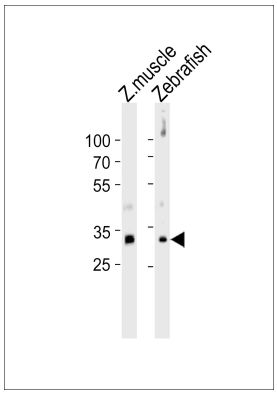
Background

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.

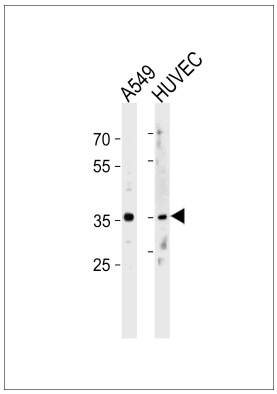
References

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

Images

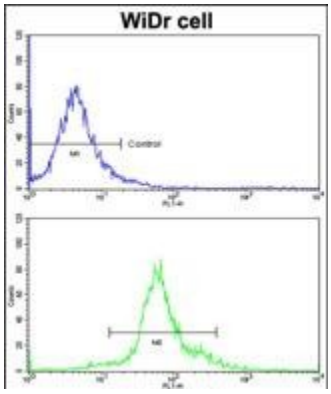


Western blot analysis of lysates from zebra fish muscle, Zebrafish tissue lysate (from left to right), using DANRE HOXD4 Antibody(Cat. #AP6834b). AP6834b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



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 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.



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