

HOXB5 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6834b**Specification**

HOXB5 Antibody (C-term) - Product Information

Application	WB, FC,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
Predicted	Drosophila, Zebrafish, Chicken, Mouse, Sheep, Bovine, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29434
Antigen Region	193-222

HOXB5 Antibody (C-term) - 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

WB~~1:1000

FC~~1:10~50

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.

HOXB5 Antibody (C-term) - 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

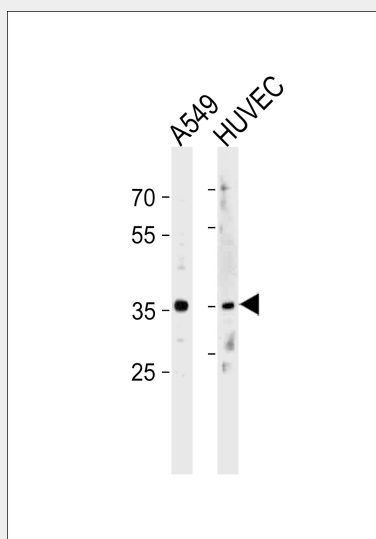
Spinal cord.

HOXB5 Antibody (C-term) - Protocols

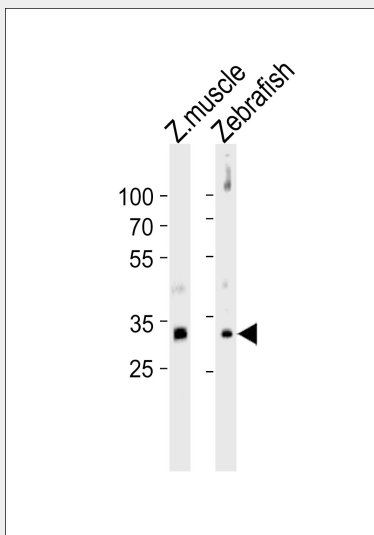
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

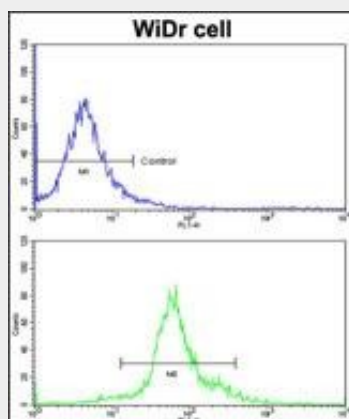
HOXB5 Antibody (C-term) - Images



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).



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.



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.

HOXB5 Antibody (C-term) - 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.

HOXB5 Antibody (C-term) - References

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