

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.

DilutionWB~~1:1000
FC~~1:10~50**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

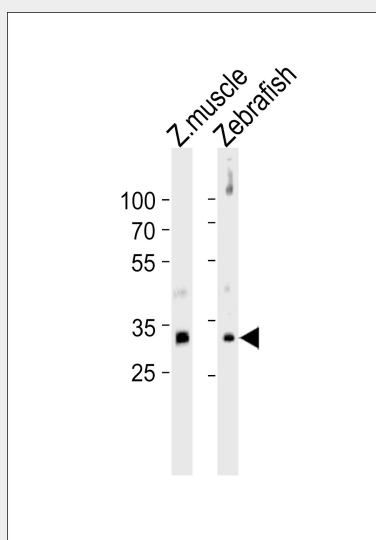
Spinal cord.

HOXB5 Antibody (C-term) - Protocols

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

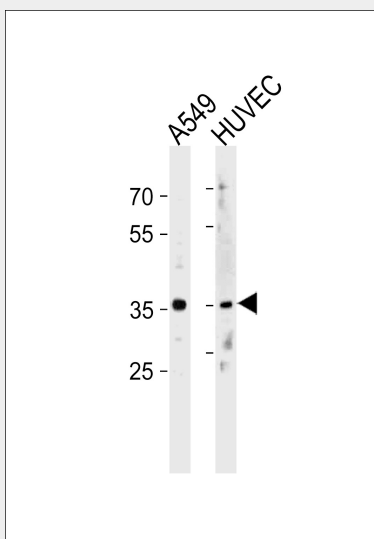
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HOXB5 Antibody (C-term) - Images

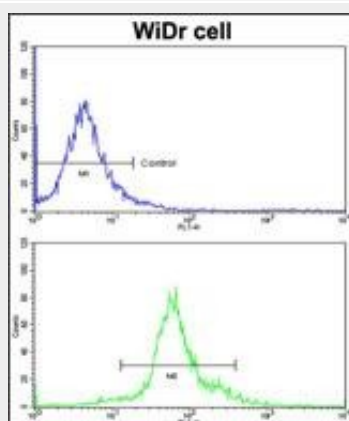


Western blot analysis of lysates from zebra fish muscle, Zebrafish tissue lysate (from left to right), using DANRE HOXD4 Antibody(Cat. #AP6834b). AP6834b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

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.

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)