Datasheet for ABIN1882091

anti-HOXB5 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	HOXB5
Binding Specificity:	AA 193-222, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB20462
Isotype:	Ig Fraction
Predicted Reactivity:	D, Zf, C, M, Sh, B, Rat, X
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HOXB5
Alternative Name:	HOXB5 (HOXB5 Products)

Target Details

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.
Molecular Weight:	29434
NCBI Accession:	NP_002138
UniProt:	P09067

Application Details

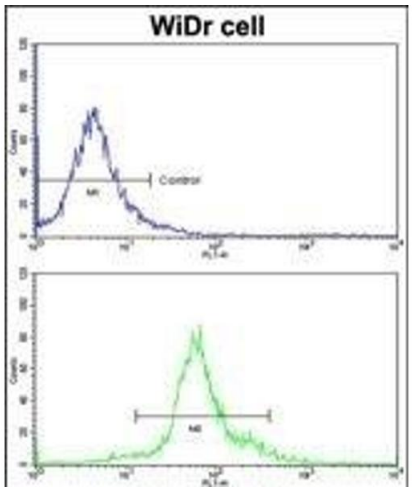
Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

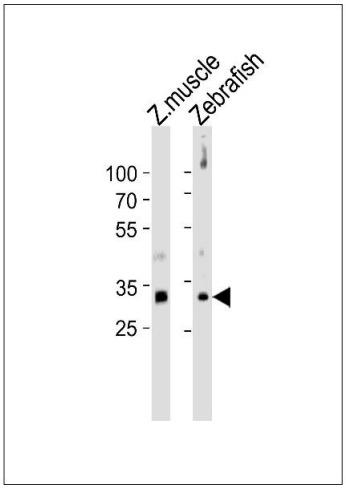
Publications

Product cited in:	Mei, Li, Chu, Yiu, Lo: "The inhibitory effects of silver diamine fluoride at different concentrations on matrix metalloproteinases." in: **Dental materials : official publication of the Academy of Dental Materials**, Vol. 28, Issue 8, pp. 903-8, (2012) (PubMed).



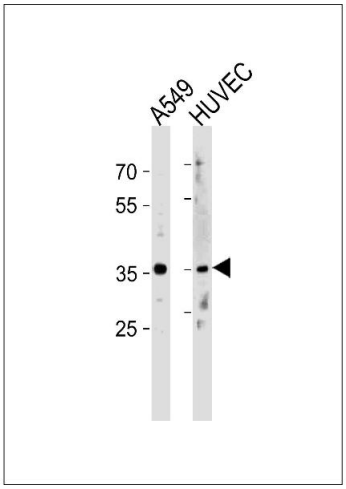
Flow Cytometry

Image 1. 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.



Western Blotting

Image 2. Western blot analysis of lysates from zebra fish muscle, Zebrafish tissue lysate (from left to right), using DANRE HOXD4 Antibody (ABIN1882091 and ABIN2841049). (ABIN1882091 and ABIN2841049) 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 35 µg per lane.



Western Blotting

Image 3. HOXB5 Antibody (C-term) (ABIN1882091 and ABIN2841049) western blot analysis in A549,HUVEC cell line lysates (35 µg/lane).This demonstrates the HOXB5 antibody detected the HOXB5 protein (arrow).