



[Go to Product page](#)

Datasheet for ABIN390648
anti-HOXA5 antibody (C-Term)

2 Images

Overview

Quantity:	400 µL
Target:	HOXA5
Binding Specificity:	AA 196-223, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This HOXA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-223 amino acids from the C-terminal region of human HOXA5.
Clone:	RB20149
Isotype:	Ig Fraction
Predicted Reactivity:	D, Zf, C, Sh, B, Rat, X
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HOXA5
---------	-------

Target Details

Alternative Name: HOXA5 ([HOXA5 Products](#))

Background: In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. HOXA5 gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.

Molecular Weight: 29345

Gene ID: 3202

NCBI Accession: [NP_061975](#)

UniProt: [P20719](#)

Application Details

Application Notes: 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.

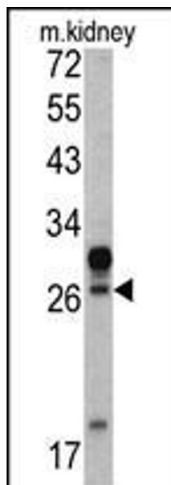
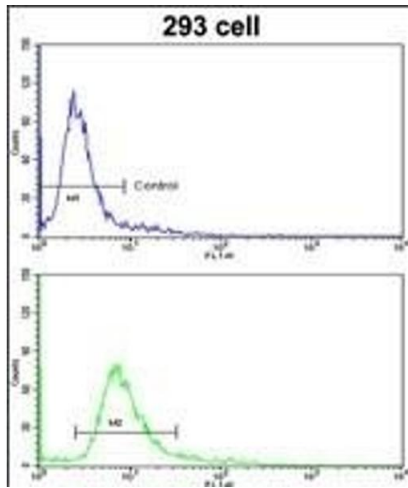
Preservative: Sodium azide

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

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. Flow cytometric analysis of 293 cells using HOXA5 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 HOXA5 antibody (C-term) (ABIN390648 and ABIN2840947) in mouse kidney tissue lysates (35 µg/lane). HOXA5 (arrow) was detected using the purified Pab.