

Product Name: HoxA6 Rabbit Polyclonal Antibody**Catalog #: APRab12168**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	26kDa

Antigen Information

Gene Name	HOXA6
Alternative Names	HOXA6; HOX1B; Homeobox protein Hox-A6; Homeobox protein Hox-1B
Gene ID	3203.0
SwissProt ID	P31267
Immunogen	The antiserum was produced against synthesized peptide derived from human HOXA6. AA range:101-150

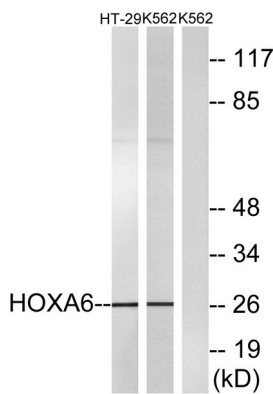
Background

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C,

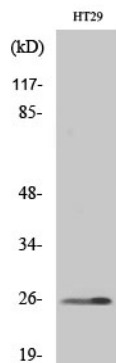
and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. [provided by RefSeq, Jul 2008],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.,similarity:Belongs to the Antp homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,

Research Area

Image Data



Western blot analysis of lysates from HT-29 and K562 cells, using HOXA6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HoxA6 Polyclonal Antibody diluted at 1 : 1000. The cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).