
Product Name: HoxB4 Rabbit Polyclonal Antibody**Catalog #: APRab12173**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,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 1:5000-1:20000
Molecular Weight	34kDa

Antigen Information

Gene Name	HOXB4
Alternative Names	HOXB4; HOX2F; Homeobox protein Hox-B4; Homeobox protein Hox-2.6; Homeobox protein Hox-2F
Gene ID	3214.0
SwissProt ID	P17483
Immunogen	The antiserum was produced against synthesized peptide derived from human HoxB4. AA range:86-135

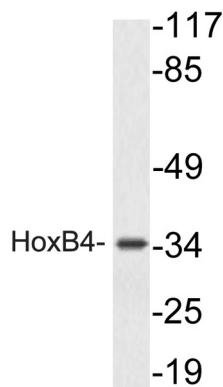
Background

This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion. [provided by RefSeq, Jul 2008],developmental stage:Expressed in whole embryos and fetuses at 5-9 weeks from conception.,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. Deformed subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,

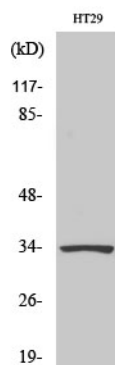
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of lysate from HT29 cells, using HoxB4 antibody.



Western Blot analysis of various cells using HoxB4 Polyclonal Antibody diluted at 1:1000.