

Product Name: Hox-A1/B1/D1 Rabbit Polyclonal Antibody
Catalog #: APRab12165

Summary

Production Name	Hox-A1/B1/D1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	HOXB1 HOXB1; HOX2I; Homeobox protein Hox-B1; Homeobox protein Hox-2I; HOXA1;
Alternative Names	HOX1F; Homeobox protein Hox-A1; Homeobox protein Hox-1F; HOXD1; HOX4; HOX4G; Homeobox protein Hox-D1; Homeobox protein Hox-GG
Gene ID	3211/3198/3231
SwissProt ID	P14653/P49639/Q9GZZ0.The antiserum was produced against synthesized peptide derived from human HOXA1/B1/D1. AA range:216-265

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:10000
Molecular Weight	

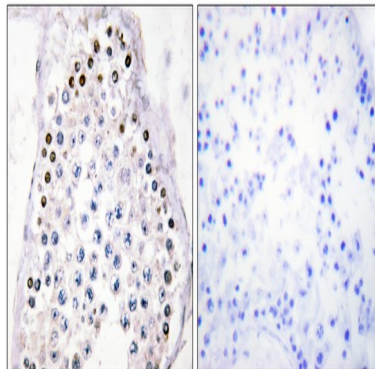
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Background

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXB genes located in a cluster on chromosome 17. [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. Acts on the anterior body structures.,polymorphism:The two common alleles; HOX1B*A and HOX1B*B have a frequency of 78.8% and 21.2% respectively.,similarity:Belongs to the Antp homeobox family. Labial subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using HOXA1/B1/D1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.