



Hox-A1/B1/D1 Polyclonal Antibody

Catalog No	YP-Ab-15759
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	HOXB1
Immunogen	The antiserum was produced against synthesized peptide derived from human HOXA1/B1/D1. AA range:216-265
Specificity	Hox-A1/B1/D1 Polyclonal Antibody detects endogenous levels of Hox-A1/B1/D1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Hox-A1/B1/D1;HOXB1;Homeobox protein Hox-B1;HOX2I;Homeobox protein Hox-2I;HOXA1;HOX1F;Homeobox protein Hox-A1;Homeobox protein Hox-1F;HOXD1;HOX4;HOX4G;Homeobox protein Hox-D1;Homeobox protein Hox-GG
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus.
Tissue Specificity	PCR rescued clones,
Function	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.,



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],

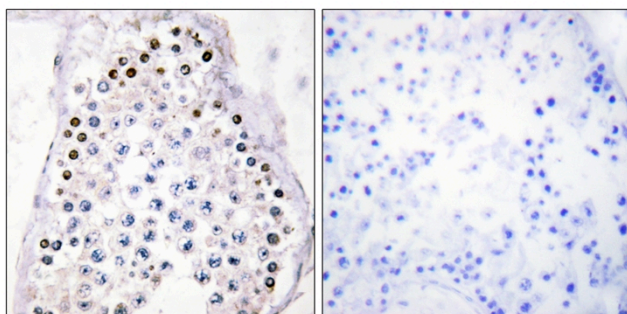
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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