

Hox-A1/B1/D1 rabbit pAb

Cat No.:ES5762

For research use only

Overview

Product Name	Hox-A1/B1/D1 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA:
	1/10000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Homeobox protein Hox-B1
Gene Name	HOXB1
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3211/3198/3231
Human Swiss-Prot Number	P14653/P49639/Q9GZZ0
Alternative Names	HOXB1; HOX2I; Homeobox protein Hox-B1;
	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
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



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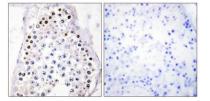
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role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXB genes located in a cluster on chromosome 17. [provided by RefSeq, Jul 2008],

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





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