

HOXB9 Rabbit pAb

Catalog # AP100224

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P17482
Other Accession	P17482
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28059
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HOXB9
Epitope Specificity	181-250/250
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Abd-B homeobox family. Contains 1 homeobox DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	3219
Other Names	HOX-2.5; HOX2; HOX2E; HXB9_HUMAN; HOXB9; Homeobox protein Hox-2.5; Homeobox protein Hox-2E; homeobox B9; homeo box B9
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HOXB9
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Synonyms	HOX2E
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.
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.