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HOXB4 Rabbit pAb

Catalog # AP98989

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P17483
Other Accession	P17483
Reactivity	Human, Mouse
Predicted	Rat, Pig, Chicken, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27604
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HOXB4
Epitope Specificity	151-251/251
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 Antp homeobox family. Deformed subfamily.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	HOXB4 is a homeodomain-containing transcription factor with diverse roles in embryonic development and the regulation of adult stem cells. It promotes proliferation of hematopoietic stem cells and can both activate and repress apoptosis.

Additional Information

Gene ID	3214
Other Names	HXB4_HUMAN; HOXB4; Homeobox protein Hox-2.6; Homeobox protein Hox-2F; HOX2F; HOX-2.6; HOX2; homeobox B4; homeo box B4
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1ug /Test
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	HOXB4

Synonyms	HOX2F
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'.