10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HOXB7 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19283C

Product Information

Application	WB, E
Primary Accession	P09629
Other Accession	P18864, P09024, Q9TT89, NP_004493.3
Reactivity	Mouse
Predicted	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39328
Calculated MW	24015
Antigen Region	93-121

Additional Information

Gene ID	3217
Other Names	Homeobox protein Hox-B7, Homeobox protein HHOC1, Homeobox protein Hox-2C, HOXB7, HOX2C
Target/Specificity	This HOXB7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-121 amino acids from the Central region of human HOXB7.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HOXB7 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HOXB7
Synonyms	HOX2C

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.

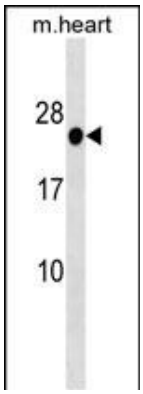
Background

This gene is a member of the Antp 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 melanoma and ovarian carcinoma. [provided by RefSeq].

References

Braig, S., et al. Cell. Mol. Life Sci. 67(20):3535-3548(2010)
Novak, E.M., et al. Eur. J. Haematol. 84(2):185-186(2010)
De Souza Setubal Destro, M.F., et al. Int. J. Oncol. 36(1):141-149(2010)
Milanovic, D., et al. Int. J. Cancer 121(6):1205-1211(2007)
Rubin, E., et al. Cancer Res. 67(4):1527-1535(2007)

Images



HOXB7 Antibody (Center)(Cat. #AP19283c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the HOXB7 antibody detected the HOXB7 protein (arrow).

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