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

Mouse Hoxb13 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16151c

Product Information

Application	WB, E
Primary Accession	P70321
Other Accession	NP_032293.1
Reactivity	Human
Predicted	Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35410
Calculated MW	30963
Antigen Region	92-121

Additional Information

Gene ID	15408
Other Names	Homeobox protein Hox-B13, Hoxb13
Target/Specificity	This Mouse Hoxb13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-121 amino acids from the Central region of mouse Hoxb13.
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	Mouse Hoxb13 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Hoxb13
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. Binds preferentially to methylated DNA (By similarity).

Cellular Location	Nucleus.
Tissue Location	Exhibits both spatial and temporal colinearity within the main body axis. At 12.5 dpc, is detected in hindgut, urogenital tract, spinal cord and tailbud. Not detected in secondary axes such as the limb and the genital tubercule

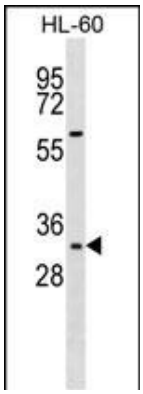
Background

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

References

Kang, X., et al. Mol. Cell 38(2):191-201(2010)
Mack, J.A., et al. J. Invest. Dermatol. 130(3):856-865(2010)
McMullin, R.P., et al. Proc. Natl. Acad. Sci. U.S.A. 107(1):98-103(2010)
Young, T., et al. Dev. Cell 17(4):516-526(2009)
Ezhkova, E., et al. Cell 136(6):1122-1135(2009)

Images



Mouse Hoxb13 Antibody (Center) (Cat. #AP16151c) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the Hoxb13 antibody detected the Hoxb13 protein (arrow).

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