

HOXB13 Rabbit pAb

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Catalog # AP58034

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q92826
Predicted	Human, Mouse, Rat, Dog, Pig, Horse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30676
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PSGD
Epitope Specificity	201-284/284
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
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 encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	10481
Other Names	Homeobox protein Hox-B13, HOXB13
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,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	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 (PubMed: 28473536).
Cellular Location	Nucleus.

Background

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