



Rabbit Anti-HOXB13 antibody

SL2561R

Product Name:	HOXB13
Chinese Name:	同源盒蛋白HOXB13抗体
Alias:	Homeo box B13; Homeobox B13; Homeobox protein Hox B13; Homeobox protein Hox-B13; Homeobox protein HoxB13; HOX B13; HOXB 13; HOXB13; HXB13 HUMAN; PSGD; PSGD protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	31kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PSGD:201-284/284
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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].

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.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the Abd-B homeobox family.
Contains 1 homeobox DNA-binding domain.

SWISS:

Q92826

Gene ID:

10481

Database links:

[Entrez Gene: 10481](#)Human

[Entrez Gene: 15408](#)Mouse

[Entrez Gene: 303480](#)Rat

[Omim: 604607](#)Human

[SwissProt: Q92826](#)Human

[SwissProt: P70321](#)Mouse

[Unigene: 66731](#)Human

[Unigene: 57221](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

HOXB13存在于很多哺乳动物的内分泌腺,但在人的前列腺癌及乳腺癌中表达量较高。