



Rabbit Anti-HOXB8 antibody

SL6539R

Product Name:	HOXB8
Chinese Name:	同源盒蛋白B8抗体
Alias:	Homeobox B8; Homeobox protein Hox B8; Homeobox protein HoxB8; HOX 2; Hox 2.4; HOX 2D; HOX B8; HOX2; Hox2.4; HOX2D; HOXB8; HXB8 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
Applications:	WB=1:500-2000ELISA=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:	28kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HOXB8:11-110/243
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 is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is

similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania.

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 Antp homeobox family.
Contains 1 homeobox DNA-binding domain.

SWISS:

P17481

Gene ID:

3218

Database links:

[Entrez Gene: 3218](#)Human

[Entrez Gene: 15416](#)Mouse

[Entrez Gene: 24457](#)Rat

[Omim: 142963](#)Human

[SwissProt: P17481](#)Human

[SwissProt: P09632](#)Mouse

[SwissProt: P18863](#)Rat

[Unigene: 514292](#)Human

[Unigene: 4822](#)Mouse

[Unigene: 223006](#)Rat

Important Note:

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