



Rabbit Anti-HOXA9 antibody

SL6667R

Product Name:	HOXA9
Chinese Name:	同源盒蛋白HOXA9抗体
Alias:	ABD-B; Abd-B, drosophila, homolog of; D6a9; Homeobox protein A9; Homeobox 1G; Homeobox A9; Homeobox protein Hox-1.7; Homeobox protein Hox-1G; Homeobox protein Hox-A9; Hox-1.7; Hox-1.7, mouse, homolog of; HOX1; Hox1.7; Hox1G; Hox1r5; Hoxa-9; Hoxa7; HOXA9/MSI2 fusion gene, included; HOXA9/NUP98 fusion gene, included; HXA9 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
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:	26, 30kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HOXA9:275-272
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:	HOXA9 is a transcription factor with a central role in both haemopoiesis and leukaemia. High levels of HOXA9 expression in haemopoietic cells is a characteristic feature of acute myeloid leukaemia (AML), and may be sufficient to cause this disease.

Overexpression of Hoxa 9 markedly expands hematopoietic stem cells. HOXA9 expression changes dramatically with age - a uniformly low level of expression during early adulthood is replaced by a frequently very high expression in adults over sixty.

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:

P31269

Gene ID:

3205

Database links:

[Entrez Gene: 3205](#) Human

[Entrez Gene: 15405](#) Mouse

[Entrez Gene: 500126](#) Rat

[Omim: 142956](#) Human

[SwissProt: P31269](#) Human

[SwissProt: P09631](#) Mouse

[Unigene: 659350](#) Human

[Unigene: 4694](#) Mouse

[Unigene: 203714](#) Rat

Important Note:

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

