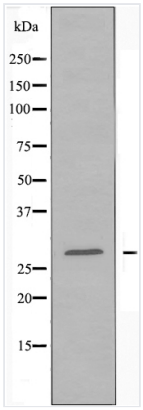
HOXB9 Antibody

PRODUCT OVERVIEW

Product Name	HOXB9, Antibody
Full Product Name	HOXB9 Antibody
Product Gene Name	anti-HOXB9 antibody
Product Synonym Names	Homeobox protein Hox-B9; Hox-2E; Hox-2.5; HOXB9; HOX2E
Species Reactivity	Human, Mouse
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	HOXB9 Antibody detects endogenous levels of total HOXB9
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	28 KD
OMIM	142964
3D Structure	ModBase 3D Structure for P17482
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HOXB9 antibody	Western Blot (WB)
Application Notes for anti-HOXB9 antibody	WB: 1:500-1:1000
Related Product Information for anti-HOXB9 antibody	MBS8513841 is an antibody targeting HOXB9. Also known as HOXB9 Antibody. Reactive in Human, Mouse.
Other Notes	Small volumes of anti-HOXB9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-HOXB9 antibody
Western blot analysis of extracts from K562 cells, using HOXB9 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HOXB9. It may not necessarily be applicable to this product.

NCBI GI #	15029508
NCBI GeneID	3219
NCBI Accession #	NP_076922.1
UniProt Primary Accession #	P17482
UniProt Secondary Accession #	Q9H1I1; B2RDB7
UniProt Related Accession #	P17482
GenBank Nucleotide #	NM_024017.4
NCBI Official Full Name	homeobox protein Hox-B9
NCBI Official Synonym Full Names	homeobox B9
NCBI Official Symbol	HOXB9
NCBI Official Synonym Symbols	HOX2; HOX2E; HOX-2.5
UniProt Protein Name	Homeobox protein Hox-B9
UniProt Synonym Protein Names	Homeobox protein Hox-2.5; Homeobox protein Hox-2E
Protein Family	Homeobox protein
UniProt Gene Name	HOXB9
UniProt Synonym Gene Names	HOX2E
NCBI Protein Information	homeobox protein Hox-B9
NCBI Summary for HOXB9	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq, Jul 2008]
UniProt Comments for HOXB9	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Research Articles on HOXB9	**1.** Study demonstrated that HOXB9 may facilitate hypertrophic scar formation via activating the mitogenactivated protein kinase signaling pathway.
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