HOXC9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HOXC9, Polyclonal Antibody
Full Product Name	HOXC9 Rabbit pAb
Product Gene Name	anti-HOXC9 antibody
Product Synonym Names	HOX3; HOX3B
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C.
Molecular Weight	29kDa
OMIM	142971
3D Structure	ModBase 3D Structure for P31274
Immunogen	Synthetic peptide of human HOXC9
Cellular Localization	Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HOXC9 antibody	Western Blot (WB)
Application Notes for anti-HOXC9 antibody	WB: 500-2000
Related Product Information for anti-HOXC9 antibody	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12.
Other Notes	Small volumes of anti-HOXC9 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.
Searchable Terms for HOXC9 purchase	MBS8560073 is an antibody targeting HOXC9. Also known as HOXC9 Rabbit pAb. Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HOXC9. It may not necessarily be applicable to this product.

NCBI GI #	24497547
NCBI GeneID	3225

NCBI Accession #	NP_008828.1
UniProt Primary Accession #	P31274
UniProt Related Accession #	P31274
GenBank Nucleotide #	NP_008828.1
NCBI Official Full Name	homeobox protein Hox-C9
NCBI Official Synonym Full Names	homeobox C9
NCBI Official Symbol	HOXC9
NCBI Official Synonym Symbols	HOX3; HOX3B
UniProt Protein Name	Homeobox protein Hox-C9
UniProt Synonym Protein Names	Homeobox protein Hox-3B
Protein Family	Homeobox protein
UniProt Gene Name	HOXC9
UniProt Synonym Gene Names	HOX3B
UniProt Entry Name	HXC9_HUMAN
NCBI Protein Information	homeobox protein Hox-C9
UniProt Comments for HOXC9	HOXC9: Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Belongs to the Abd-B homeobox family. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 12q13.3 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: anterior/posterior pattern formation; regulation of transcription, DNA-dependent; transcription, DNA-dependent; embryonic skeletal morphogenesis
Research Articles on HOXC9	**1.** HOXC9 knockdown inhibited the metastasis and stem cell-like phenotype of GC cells without significant effects on cell proliferation as a direct target of miR-26a.
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