HOXB13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HOXB13, Polyclonal Antibody
Full Product Name	HOXB13 Antibody
Product Gene Name	anti-HOXB13 antibody
Product Synonym Names	PSGD
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total HOXB13 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	30,676 Da
OMIM	176807
3D Structure	ModBase 3D Structure for Q92826
Immunogen	Fusion protein corresponding to residues near the N terminal of human homeobox B13
Product Categories/Family for anti-HOXB13 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HOXB13 antibody	Western Blot (WB)
Application Notes for anti-HOXB13 antibody	WB: 1:500-1:2000
Related Product Information for anti-HOXB13 antibody	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
Other Notes	Small volumes of anti-HOXB13 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 HOXB13 purchase	MBS8589118 is an antibody targeting HOXB13. Also known as HOXB13 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HOXB13. It may not necessarily be applicable to this product.

NCBI GI #	62865866
NCBI GeneID	10481
NCBI Accession #	NP_006352.2
UniProt Primary Accession #	Q92826
UniProt Secondary Accession #	Q96QM4; Q99810; B2R878
UniProt Related Accession #	Q92826
GenBank Nucleotide #	NM_006361.5
NCBI Official Full Name	homeobox protein Hox-B13
NCBI Official Synonym Full Names	homeobox B13
NCBI Official Symbol	HOXB13
NCBI Official Synonym Symbols	PSGD
UniProt Protein Name	Homeobox protein Hox-B13
Protein Family	Homeobox protein
UniProt Gene Name	HOXB13
UniProt Entry Name	HXB13_HUMAN
NCBI Protein Information	homeobox protein Hox-B13
NCBI Summary for HOXB13	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]
UniProt Comments for HOXB13	HOXB13: 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: 17q21.2 Cellular Component: nucleoplasm; transcription factor complex Molecular Function: sequence-specific DNA binding Biological Process: epidermis development; regulation of transcription, DNA-dependent; transcription, DNA-dependent; regulation of growth; response to wounding; response to testosterone stimulus; angiogenesis
Research Articles on HOXB13	**1.** The results suggest that the HOXB13-mediated promotion of tumor cell invasion is accomplished mainly through the downregulation of PDEF expression.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/hoxb13/8589118