OTX1/2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OTX1/2, Polyclonal Antibody
Full Product Name	OTX1/2 Rabbit pAb
Product Gene Name	anti-OTX1/2 antibody
Product Synonym Names	Homeobox protein OTX1; Homeobox protein OTX2; Orthodenticle 1; Orthodenticle 2; Orthodenticle homeobox 1; Orthodenticle homeobox 2; Orthodenticle1; Orthodenticle2; otx1; otx2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Purity/Purification	Affinity Chromatography
Preparation and Storage	Store at 4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.
Molecular Weight	32kDa
OMIM	600036
3D Structure	ModBase 3D Structure for P32242
Immunogen	A synthesized peptide derived from human Otx1/2
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OTX1/2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Chromatin Immunoprecipitation (ChIP)
Application Notes for anti-OTX1/2 antibody	WB: 1:500-1:2000 IHC: 1:100-1:500
Related Product Information for anti-OTX1/2 antibody	Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target sequence (BTS): 5'-TCTAC-3'.
Other Notes	Small volumes of anti-OTX1/2 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 OTX1/2 purchase	MBS8543552 is an antibody targeting OTX1/2. Also known as OTX1/2 Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OTX1/2. It may not necessarily be applicable to this product.

NCBI GI #	315113903
NCBI GeneID	5013
NCBI Accession #	NP_001186699.1
UniProt Primary Accession #	P32242

UniProt Secondary Accession #	P32243
UniProt Related Accession #	P32242
GenBank Nucleotide #	NP_001186699.1
NCBI Official Full Name	homeobox protein OTX1
NCBI Official Synonym Full Names	orthodenticle homeobox 1
NCBI Official Symbol	OTX1
UniProt Protein Name	Homeobox protein OTX1
UniProt Synonym Protein Names	Orthodenticle homolog 1
UniProt Gene Name	OTX1
NCBI Protein Information	homeobox protein OTX1
NCBI Summary for OTX1/2	This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mouse is required for proper brain and sensory organ development and can cause epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Research Articles on OTX1/2	**1.** High OTX1 expression is associated with gastric cancer.
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-mouse-rat-antibody/otx1-2/8543552