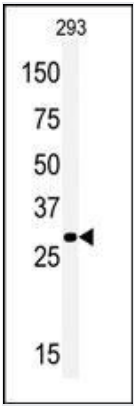
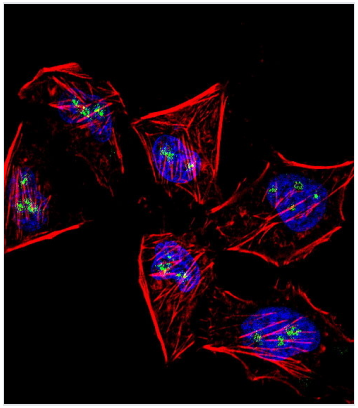
MOX1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MOX1, Polyclonal Antibody
Full Product Name	MOX1, NT (Homeobox Protein MOX-1, Mesenchyme Homeobox 1, MEOX1)
Product Synonym Names	Anti -MOX1, NT (Homeobox Protein MOX-1, Mesenchyme Homeobox 1, MEOX1)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Specificity	Recognizes human MEOX1.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	Synthetic peptide selected from the N-terminal region of human MEOX1 (KLH).
Product Categories/Family for anti-MOX1 antibody	Antibodies; Abs to Homeobox (HOX)
Applications Tested/Suitable for anti-MOX1 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-MOX1 antibody	Suitable for use in ELISA and Western Blot. Dilution: ELISA: 1:1,000 Western Blot: 1:100-1:250
Related Product Information for anti-MOX1 antibody	Meox1 is a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. This protein may play a role in the molecular signaling network regulating somite development.
Other Notes	Small volumes of anti-MOX1 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 MOX1 purchase	MBS6006593 is an antibody targeting MOX1. Also known as MOX1, NT (Homeobox Protein MOX-1, Mesenchyme Homeobox 1, MEOX1). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MOX1 antibody
Western blot analysis of anti-Meox1 Antibody (N-term) in 293 cell line lysates (35ug/lane). Meox1(arrow) was detected using the purified Pab.



Immunofluorescence (IF) of anti-MOX1 antibody
Fluorescent confocal image of Hela cell stained with Meox1 (Human N-term).Hela cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with Meox1 primary antibody (1:25, 1 h at 37?). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37?).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37?). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). Meox1 immunoreactivity is localized to Nucleolus significantly.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MOX1. It may not necessarily be applicable to this product.

NCBI GI #	514309
NCBI Accession #	AAA19983.1
NCBI Official Full Name	Mox1
UniProt Comments for MOX1	MEOX1: Role in mesoderm induction and its earliest regional specification, somitogenesis, and myogenic and sclerotomal differentiation. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 17q21 Cellular Component: cytoplasm; nucleus Molecular Function: sequence-specific DNA binding; chromatin binding; transcription factor activity Biological Process: somite specification; transcription, DNA-dependent; multicellular organismal development; positive regulation of transcription from RNA polymerase II promoter Disease: Klippel-feil Syndrome 2, Autosomal Recessive
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/mox1/6006593