

Rabbit anti-Human MEOX1 Polyclonal Antibody | anti-MEOX1 antibody

MEOX1 Antibody

CATALOG # AAA231673	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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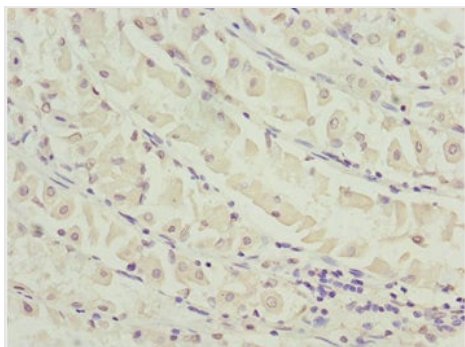
PRODUCT SYNONYMS

MEOX1; Polyclonal Antibody; MEOX1 Antibody; Homeobox protein MOX-1 antibody; MEOX1 antibody; MEOX1_HUMAN antibody; Mesenchyme homeo box 1 antibody; Mesenchyme homeobox 1 antibody; MOX 1 antibody; MOX1 antibody; anti-MEOX1 antibody

PRODUCT SPECIFICATIONS

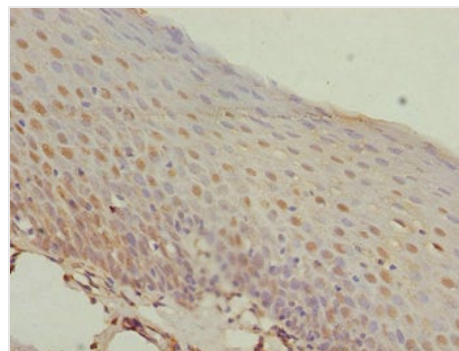
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MEOX1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Homeobox protein MOX-1 protein (1-254AA)
Conjugate	Non-conjugated
Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	MEOX1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze

IMAGES



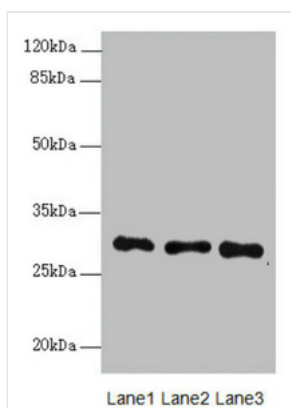
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA231673 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA231673 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: MEOX1 antibody at 3.43ug/mlLane 1 : Mouse liver tissueLane 2 : Mouse lung tissueLane 3 : Mouse kidney tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 28,20,16 kDaObserved band size: 28,90 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MEOX1 antibody

Mesodermal transcription factor that plays a key role in somitogenesis and is specifically required for sclerotome development. Required for maintenance of the sclerotome polarity and formation of the cranio-cervical joints (PubMed:23290072, PubMed:24073994). Binds specifically to the promoter of target genes and regulates their expression. Activates expression of NKX3-2 in the sclerotome. Activates expression of CDKN1A and CDKN2A in endothelial cells, acting as a regulator of vascular cell proliferation. While it activates CDKN1A in a DNA-dependent manner, it activates CDKN2A in a DNAindependent manner. Required for hematopoietic stem cell (HSCs) induction via its role in somitogenesis: specification of HSCs occurs via the deployment of a specific endothelial precursor population, which arises within a subcompartment of the somite named endotome.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91208415
NCBI GeneID	4222
NCBI Accession #	NP_001035091.1
NCBI GenBank Nucleotide #	NM_001040002.1
UniProt Accession #	P50221; Q15069; A8K524; A8MWF9
NCBI Official Full Name	homeobox protein MOX-1 isoform 3
NCBI Official Synonym Full Names	mesenchyme homeobox 1
NCBI Official Symbol	MEOX1
NCBI Official Synonym Symbols	KFS2; MOX1
NCBI Protein Information	homeobox protein MOX-1
UniProt Protein Name	Homeobox protein MOX-1
UniProt Gene Name	MEOX1
UniProt Synonym Gene Names	MOX1
UniProt Entry Name	MEOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.