

Rabbit anti-Human MOX1 (Meox1) Polyclonal Antibody | anti-MEOX1 antibody

MOX1 (Meox1) Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289888	Rabbit	Human	Western Blot, ELISA, Immunofluorescence

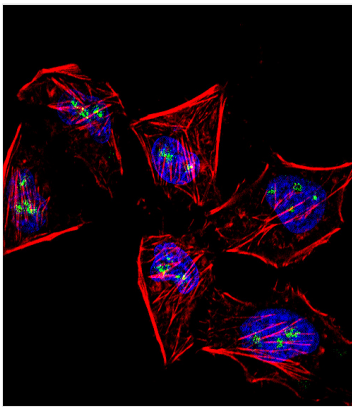
PRODUCT SYNONYMS

MOX1 (Meox1); Polyclonal Antibody; MOX1 (Meox1) Antibody (N-term); Homeobox protein MOX-1; Mesenchyme homeobox 1; MEOX1; MOX1; anti-MEOX1 antibody

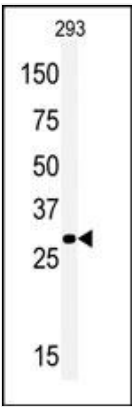
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOX1 (Meox1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-38 amino acids from the N-terminal region of human MOX1 (Meox1).
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	7-38
Sequence Length	139
Applicable Applications for anti-MEOX1 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). Meox1 immunoreactivity is localized to Nucleolus significantly.



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

ADDITIONAL INFORMATION

Related Product Information for anti-MEOX1 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.
Product Categories/Family for anti-MEOX1 antibody	Cell Biology; Immunology
References	Vatanavicharn,N., Am. J. Med. Genet. A 143 (19), 2292-2302 (2007) Petroopoulos,H., J. Biol. Chem. 279 (23), 23874-23881 (2004) Stelnicki,E.J., Differentiation 62 (1), 33-41 (1997) Futreal,P.A., Hum. Mol. Genet. 3 (8), 1359-1364 (1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	91208415
NCBI GeneID	4222
NCBI Accession #	NP_001035091.1; NP_004518.1; NP_054705.1
NCBI GenBank Nucleotide #	NM_001040002.1
UniProt Accession #	P50221; Q15069; A8K524; A8MWF9
Molecular Weight	27997
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mox1-meox1-antibody-western-blot-immunofluorescence-elisa/289888>