

Rabbit MEOX2 Polyclonal Antibody | anti-MEOX2 antibody

MEOX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323895	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

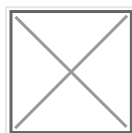
PRODUCT SYNONYMS

MEOX2; Polyclonal Antibody; MEOX2 Antibody; GAX; Growth arrest-specific homeobox; Homeobox protein MOX 2; Homeobox protein MOX-2; meox2; MEOX2_HUMAN; Mesenchyme homeobox 2; MOX2; anti-MEOX2 antibody

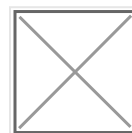
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MEOX2 antibody detects endogenous levels of total MEOX2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-MEOX2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Embryo and placenta.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from 293, using MEOX2 Antibody.


WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using MEOX2 antibody.



IF (Immunofluorescence)

AAA323895 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MEOX2 antibody	Function: Mesodermal transcription factor that plays a key role in somitogenesis and is required for sclerotome development (By similarity). 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 DNA-independent manner (PubMed:22206000). May have a regulatory role when quiescent vascular smooth muscle cells reenter the cell cycle. Subunit Structure: Interacts with RNF10. Similarity: The polyhistidine repeat may act as a targeting signal to nuclear speckles.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	84105335
NCBI GeneID	4223
NCBI Accession #	NP_005915.2
NCBI GenBank Nucleotide #	NM_005924.4
UniProt Accession #	P50222; O75263; Q9UPL6; A4D127; B2R8I7
Molecular Weight	Observed: 33 kD Predicted: 34 kDa
NCBI Official Full Name	homeobox protein MOX-2
NCBI Official Synonym Full Names	mesenchyme homeobox 2
NCBI Official Symbol	MEOX2
NCBI Official Synonym Symbols	GAX; MOX2
NCBI Protein Information	homeobox protein MOX-2
UniProt Protein Name	Homeobox protein MOX-2
UniProt Gene Name	MEOX2
UniProt Synonym Gene Names	GAX; MOX2

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/meox2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323895>