

Rabbit MOX-2 Polyclonal Antibody | anti-MOX-2 antibody

MOX-2 Polyclonal Antibody

CATALOG # AAA295256	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

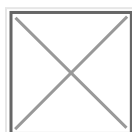
PRODUCT SYNONYMS

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

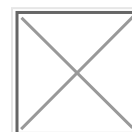
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-MOX-2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Nucleus. Nucleus speckle
Notes	ECO:0000303 PubMed:16335786, ECO:0000312 HGNC: HGNC:7014
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-MOX-2 antibody

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. Also acts as a negative regulator of angiogenesis (PubMed:17074759, PubMed:20516212, PubMed:22206000). Activates expression of CDKN1A and CDKN2A in endothelial cells, acting as a regulator of vascular cell proliferation (PubMed:17074759, PubMed:22206000). While it activates CDKN1A in a DNA-dependent manner, it activates CDKN2A in a DNA-independent manner (PubMed:22206000). Together with TCF15, regulates transcription in heart endothelial cells to regulate fatty acid transport across heart endothelial cells.

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
Molecular Weight	33,594 Da
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; growth arrest-specific homeobox
UniProt Protein Name	Homeobox protein MOX-2
UniProt Gene Name	MEOX2
UniProt Synonym Gene Names	GAX; MOX2
UniProt Entry Name	MEOX2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mox-2-antibody-immunohistochemistry-western-blot-elisa/295256>