

Mouse anti-Human MSX1 Antibody | anti-MSX1 antibody

MSX1 Antibody

CATALOG # AAA108557	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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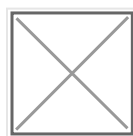
PRODUCT SYNONYMS

MSX1; MSX1 Antibody; HOX7; HYD1; STHAG1; anti-MSX1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5D11
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	303
Applicable Applications for anti-MSX1 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of human MSX1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



Application Data

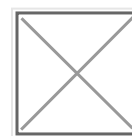

WB (Western Blot)

Figure 1: Western blot analysis using MSX1 mouse mAb against NTERA-2 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MSX1 antibody	Drosophila, muscle segment (msh) homolog 1, homeo domain encoding gene, inhibiting MYOD1 expression, highly expressed in dental mesenchyme during critical bud stage, involved in epithelial-mesenchymal signaling in many organs, and in the pathogenesis of cleft lip and palate, interacting with MSX2 in mouse limb bud patterning. This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Tissue specificity: Expressed in the developing nail bed mesenchyme.
Product Categories/Family for anti-MSX1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582284
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NCBI GeneID	4487
NCBI Accession #	NP_002439.2
NCBI GenBank Nucleotide #	NM_002448.3
UniProt Accession #	P28360 ; Q96NY4 ; A0SZU5 ; A8K3M1
Molecular Weight	31kDa
NCBI Official Full Name	homeobox protein MSX-1
NCBI Official Synonym Full Names	msh homeobox 1
NCBI Official Symbol	MSX1
NCBI Official Synonym Symbols	HOX7; HYD1; ECTD3; STHAG1
NCBI Protein Information	homeobox protein MSX-1
UniProt Protein Name	Homeobox protein MSX-1
UniProt Gene Name	MSX1
UniProt Synonym Gene Names	HOX7

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/mouse-human-antibody/msx1/108557>