

Rabbit anti-Human MSX1 Polyclonal Antibody | anti-MSX1 antibody

Anti-MSX1 Antibody, Rabbit Polyclonal

CATALOG # AAA254312	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MSX1; Polyclonal Antibody; Anti-MSX1 Antibody; Rabbit Polyclonal; MSX1 Antibody; Rabbit PAb; Antigen Affinity Purified; msh homeobox 1; Anti-ECTD3 Antibody; Anti-HOX7 Antibody; Anti-HYD1 Antibody; Anti-STHAG1 Antibody; anti-MSX1 antibody

PRODUCT SPECIFICATIONS

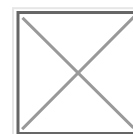
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MSX1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MSX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human MSX1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human MSX1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human MSX1 in human skeletal muscle with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



WB (Western Blot)

Anti-MSX1 rabbit polyclonal antibody at 1:500 dilution Lane A: Mouse heart tissue lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 31 kDa Observed band size: 35 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MSX1 antibody	MSX1 (Msh Homeobox 1) is a Protein Coding gene. 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. MSX1 is one of the homeoproteins with the homeodomain (HD) sequence, which regulates proliferation and differentiation of mesenchymal cells. MSX1 encodes a transcription factor implicated in the embryonic development of limbs and craniofacial tissues including bone and teeth. The Msx1 transcription factor is involved in multiple epithelial-mesenchymal interactions during vertebrate embryogenesis. It has pleiotropic effects in several tissues. MSX1 has been proposed as a gene in which mutations may contribute to non-syndromic forms of cleft lip and/or cleft palate.
Product Categories/Family for anti-MSX1 antibody	Apoptosis Transcription Factors and Regulators

NCBI AND UNIPROT INFORMATION

NCBI GI #	113199783
NCBI GeneID	17701
NCBI Accession #	NP_034965.2
NCBI GenBank Nucleotide #	NM_010835.2
UniProt Accession #	P13297; Q91W75; Q9ERF6
Molecular Weight	31,672 Da
NCBI Official Full Name	homeobox protein MSX-1
NCBI Official Synonym Full Names	msh homeobox 1
NCBI Official Symbol	Msx1
NCBI Official Synonym Symbols	msh; Hox7; Hox-7; Hox7.1; AA675338; AI324650
NCBI Protein Information	homeobox protein MSX-1; hox-7.1; homeobox, msh-like 1; homeo box, msh-like 1; homeobox protein Hox-7; muscle-segment homeobox; msh homeobox 1-like protein
UniProt Protein Name	Homeobox protein MSX-1
UniProt Gene Name	Msx1
UniProt Synonym Gene Names	Hox7; Hox7.1
UniProt Entry Name	MSX1_MOUSE

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/msx1-antibody-immunohistochemistry-western-blot-elisa/254312>