

Rabbit MSX2 Polyclonal Antibody | anti-MSX2 antibody

MSX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234088	Rabbit	Human, Rat, Mouse	Immunohistochemistry, Western Blot, ELISA

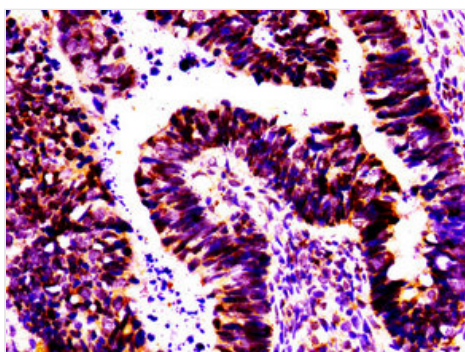
PRODUCT SYNONYMS

MSX2; Polyclonal Antibody; MSX2 Antibody; Homeobox protein MSX-2; Homeobox protein Hox-8; HOX8; anti-MSX2 antibody

PRODUCT SPECIFICATIONS

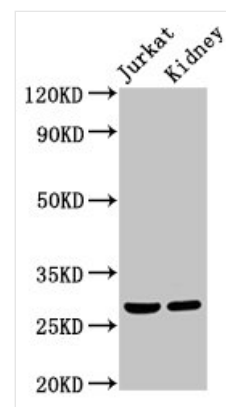
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	267
Applicable Applications for anti-MSX2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Homeobox protein MSX-2 protein (50-120AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234088 diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Jurkat whole cell lysate, Rat kidney tissueAll lanes: MSX2 antibody at 2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 29 KDaObserved band size: 29 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-MSX2 antibody	Acts as a transcriptional regulator in bone development. Represses the ALPL promoter activity and antagonizes the stimulatory effect of DLX5 on ALPL expression during osteoblast differentiation. Probable morphogenetic role. May play a role in limb-pattern formation. In osteoblasts, suppresses transcription driven by the osteocalcin FGF response element (OCFRE). Binds to the homeodomain-response element of the ALPL promoter.
Product Categories/Family for anti-MSX2 antibody	Epigenetics and Nuclear Signaling; Neuroscience; Cancer; Cardiovascular; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886557
NCBI GeneID	4488
NCBI Accession #	NP_002440.2
NCBI GenBank Nucleotide #	NM_002449.4
UniProt Accession #	P35548; Q53XM4; Q9UD60; D3DQN1
Molecular Weight	28,897 Da
NCBI Official Full Name	homeobox protein MSX-2
NCBI Official Synonym Full Names	msh homeobox 2
NCBI Official Symbol	MSX2
NCBI Official Synonym Symbols	FPP; MSH; PFM; CRS2; HOX8; PFM1
NCBI Protein Information	homeobox protein MSX-2
UniProt Protein Name	Homeobox protein MSX-2
UniProt Gene Name	MSX2
UniProt Synonym Gene Names	HOX8

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/msx2-antibody-immunohistochemistry-western-blot-elisa/234088>