Rabbit anti-Human,Mouse MSX2 Polyclonal Antibody | anti-MSX2 antibody

MSX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA267114	**Rabbit**	**Human,Mouse**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

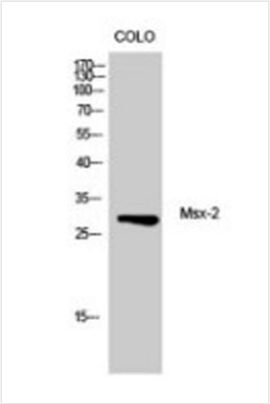
PRODUCT SYNONYMS

MSX2; Polyclonal Antibody; MSX2 Antibody; anti-MSX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human,Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Msx-2 Polyclonal Antibody detects endogenous levels of Msx-2 protein
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Sequence Length	267
Applicable Applications for anti-MSX2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human Msx-2
Organism	Human,Mouse
Cellular Localization	Nucleus.
Tissue specificity	Osteoblast,Pancreas,Tooth,
Function	Disease:Defects in MSX2 are the cause of craniosynostosis type 2 (CRS2) [MIM:604757]; also known as craniosynostosis Boston-type (CSB). CRS2 is an autosomal dominat disorder characterized by the premature fusion of calvarial sutures. The craniosynostosis phenotype is either fronto-orbital recession, or frontal bossing, or turribrachycephaly, or cloverleaf skull. Associated features include severe headache, high incidence of visual problems (myopia or hyperopia), and short first metatarsals. Intelligence is normal.,Disease:Defects in MSX2 are the cause of parietal foramina 1 (PFM1) [MIM:168500]; also known as foramina parietalia permagna (FPP). PFM1 is an autosomal dominant disease characterized by oval defects of the parietal bones caused by deficient ossification around the parietal notch, which is normally obliterated during the fifth fetal month.
Preparation and Storage	-15°C to -25°C/1 year(Do not lower than -25°C)

IMAGES



WB (Western Blot)
Western Blot analysis of CoLo cells using Msx-2 Polyclonal Antibody.

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	28kD (Observed)
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://www.aaabiotech.com/polyclonal/msx2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/267114