

Product datasheet for **TA329263**

MSX2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MSX2 antibody: synthetic peptide directed towards the n terminal of human MSX2. Synthetic peptide located within the following region: MASPSKGNDFSPDEEGPAVVAGPGPGGGAEGAAEERRVKVSSLPFSVE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	msh homeobox 2
Database Link:	NP_002440 Entrez Gene 17702 Mouse Entrez Gene 4488 Human P35548



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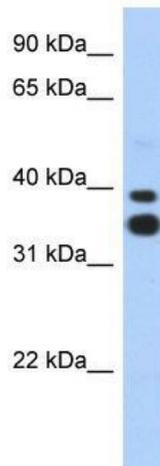
Background: MSX2 probable play a morphogenetic role. MSX2 may play a role in limb-pattern formation. In osteoblasts, MSX2 suppresses transcription driven by the osteocalcin FGF response element (OCFRE). This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: CRS2; FPP; HOX8; MSH; PFM; PFM1

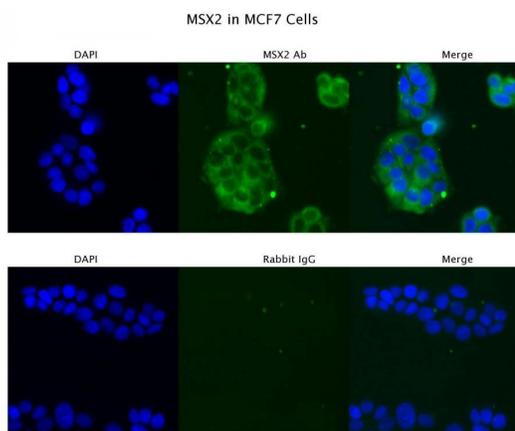
Note: Immunogen sequence homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rat: 91%; Mouse: 91%; Rabbit: 91%

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-MSX2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Transfected 293T



Sample Type : MCF7; Primary Antibody Dilution: 4 ug/ml; Secondary Antibody : Anti-rabbit Alexa 546; Secondary Antibody Dilution: 2 ug/ml; Gene Name : MSX2