

Product datasheet for TA335829

MSX2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
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: MASPSKGNLDFSPDEEGPAVVAGPGPGPGAEGAAEERRVKVSSLPFSVE
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>
Purification:	Protein A purified
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 4488 Human P35548



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Background:

MSX2 is a member of the muscle segment homeobox gene family. The 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 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. 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.

Synonyms:

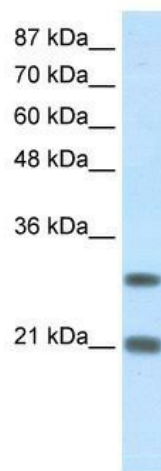
CRS2; FPP; HOX8; MSH; PFM; PFM1

Note:

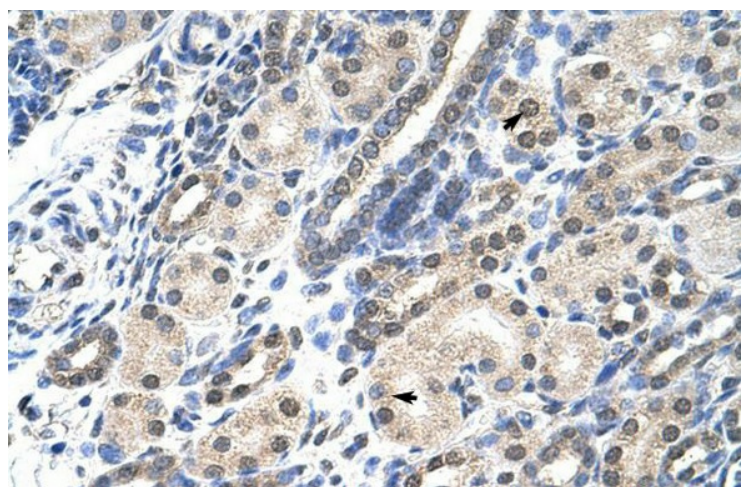
Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rat: 93%; Goat: 93%; Mouse: 93%; Rabbit: 93%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-MSX2 Antibody Titration: 1.25 ug/ml; Positive Control: Jurkat cell lysate



Human kidney