

bs-10158R**[Primary Antibody]**

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Msx2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 4488	SWISS: P35548	IHC-F (1:100-500)
Target: Msx2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Msx2/Hox8: 101-200/267.		ICC/IF (1:100-500)
Purification: affinity purified by Protein A		ELISA (1:5000-10000)
Concentration: 1mg/ml		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow, Chicken, Dog, Horse)
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 29 kDa
Background: 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. [provided by RefSeq, Jul 2008].		Subcellular Location: Nucleus

— SELECTED CITATIONS —

- **[IF=5.5]** Zhang et al. Epidermal Growth Factor Promotes Proliferation and Migration of Follicular Outer Root Sheath Cells via Wnt/ β -Catenin Signaling. (2016) Cell.Physiol.Biochem. 39:360-70 IHC ;Human. 27352380
- **[IF=6.081]** Xinzhu Li. et al. Effect of LncRNA-MALAT1 on mineralization of dental pulp cells in a high-glucose microenvironment. FRONT CELL DEV BIOL. 2022; 10: 921364 WB ;Human. 36035997