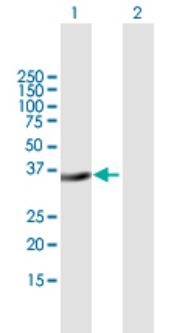
MaxPab®

MSX2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004488-B01P Size 50 ug

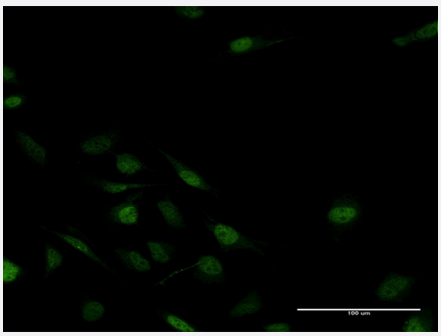
Applications



Western Blot (Transfected lysate)

Western Blot analysis of MSX2 expression in transfected 293T cell line (H00004488-T01) by MSX2 MaxPab polyclonal antibody.

Lane 1: MSX2 transfected lysate(29.37 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MSX2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MSX2 protein.
Immunogen	MSX2 (AAH15509.1, 1 a.a. ~ 267 a.a) full-length human protein.
Sequence	MASPSKGNDLFSPDEEGPAVVAGPGPGPGGAEGAAEERRVKVSSLPFSVEALMSDKKPPKEA SPLPAESASAGATLRPLLLSGHGAREAHSPGPLVKPFETASVKSENSEDGAAWMQEPGRYSPP PRHTSPTTCTLRKHKTNRKPRTPFTTSQLLALERKFRQKQYLSIAERAEFSSSLNLTETQVKIWFQN RRAKAKRLQEAELEKLKMAAKPMLPSSFSLPFPISSPLQAASIYGASYPFHRPVLPIPPVGLYATP VGYGMYHLS
Host	Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to MSX2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MSX2

Entrez GeneID	4488
GeneBank Accession#	BC015509.1
Protein Accession#	AAH15509.1
Gene Name	MSX2
Gene Alias	CRS2, FPP, HOX8, MSH, PFM, PFM1
Gene Description	msh homeobox 2
Omim ID	123101 168500 168550 604757
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the muscle segment homeobox gene family. The encoded protei n is a transcriptional repressor whose normal activity may establish a balance between survival an d apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The enc oded protein may also have a role in promoting cell growth under certain conditions and may be a n important target for the RAS signaling pathways. Mutations in this gene are associated with pari etal foramina 1 and craniosynostosis type 2. [provided by RefSeq

Other Designations	msh homeo box 2|msh homeobox homolog 2

Disease

- Celiac Disease
- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Sleep Apnea
- Spondylitis