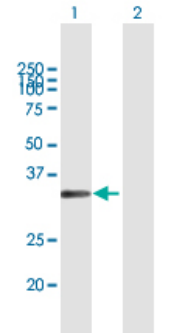
MaxPab®

MSX1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004487-B01P Size 50 ug

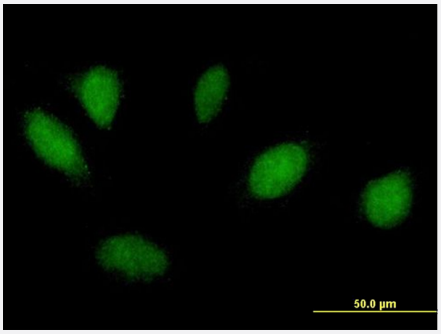
Applications



Western Blot (Transfected lysate)

Western Blot analysis of MSX1 expression in transfected 293T cell line (H00004487-T01) by MSX1 MaxPab polyclonal antibody.

Lane 1: MSX1 transfected lysate(32.67 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MSX1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MSX1 protein.
Immunogen	MSX1 (AAH67353.1, 1 a.a. ~ 297 a.a) full-length human protein.
Sequence	MTSLPLGVKVEDSAFGKPAGGGAGQAPSAAAATAAAMGADEEGAKPKVSPSLLPFSVEALMA DHRKPGAKESALAPSEGVQAAGGSAQPLGVPPGSLGAPDAPSSPRPLGHFSVGGLLKLPEDAL VKAESPEKPERTPWMQSPRFSPPPARRLSPPACTLRKHKTNRKPRTPFTTAQLLALERKFRQKQ YLSIAERAEFSSSLSLTETQVKIWFQNRRAKAKRLQEAELEKLKMAAKPMLPPAAFGLSFPLGGP AAVAAAAGASLYGASGPFQRAALPVAPVGLYTAHVGYSMYHLT
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 MSX1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MSX1

Entrez GeneID	4487
GeneBank Accession#	NM_002448.2
Protein Accession#	AAH67353.1
Gene Name	MSX1
Gene Alias	HOX7, HYD1
Gene Description	msh homeobox 1
Omim ID	106600 142983 189500 608874
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschom syndrome, and autosomoal dominant hypodontia. [provided by RefSeq
Other Designations	OTTHUMP00000115387|homeobox 7|msh homeo box 1|msh homeobox homolog 1

Disease

- Breast Neoplasms
- Cleft Lip
- Cleft Palate
- Disease Models
- Genetic Predisposition to Disease
- Multiple System Atrophy
- Parkinson disease
- Sleep Apnea