

Msx-2 Polyclonal Antibody

Catalog # AP71088

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P35548
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28897

Additional Information

Gene ID	4488
Other Names	MSX2; HOX8; Homeobox protein MSX-2; Homeobox protein Hox-8
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

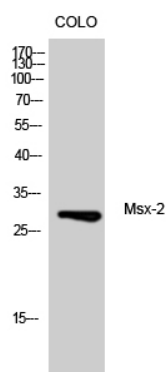
Name	MSX2
Synonyms	HOX8
Function	Acts as a transcriptional regulator in bone development. Represses the ALPL promoter activity and antagonizes the stimulatory effect of DLX5 on ALPL expression during osteoblast differentiation. Probable morphogenetic role. May play a role in limb-pattern formation. In osteoblasts, suppresses transcription driven by the osteocalcin FGF response element (OCFRE). Binds to the homeodomain-response element of the ALPL promoter.
Cellular Location	Nucleus.

Background

Acts as a transcriptional regulator in bone development. Represses the ALPL promoter activity and antagonizes the stimulatory effect of DLX5 on ALPL expression during osteoblast differentiation. Probable morphogenetic role. May play a role in limb-pattern formation. In osteoblasts, suppresses transcription

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Images



Western Blot analysis of CoLo cells using Msx-2 Polyclonal Antibody

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