

Msx-2 Polyclonal Antibody
Catalog # AP71088**Specification**

Msx-2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P35548
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Msx-2 Polyclonal Antibody - 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.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Msx-2 Polyclonal Antibody - 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

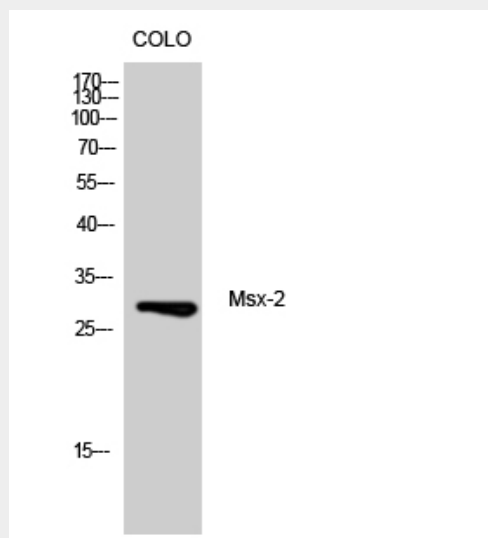
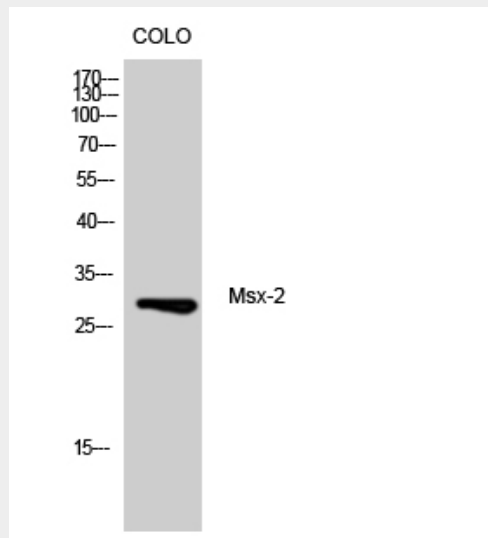
Nucleus.

Msx-2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Msx-2 Polyclonal Antibody - Images



Msx-2 Polyclonal Antibody - Background

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transcription driven by the osteocalcin FGF response element (OCFRE). Binds to the homeodomain-response element of the ALPL promoter.