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MSGN1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16154c

Specification

MSGN1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	A6NI15
Other Accession	NP_001099039.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**20778**
Antigen Region	**97-125**

MSGN1 Antibody (Center) - Additional Information

Gene ID 343930

Other Names
Mesogenin-1, Paraxial mesoderm-specific mesogenin1, pMesogenin1, pMsgn1, MSGN1

Target/Specificity
This MSGN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-125 amino acids from the Central region of human MSGN1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MSGN1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MSGN1 Antibody (Center) - Protein Information

Name MSGN1

Function Involved in specifying the paraxial, but not dorsal, mesoderm. May regulate the expression of T-box transcription factors required for mesoderm formation and differentiation (By

similarity).

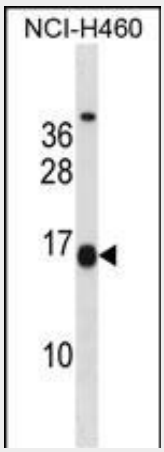
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

MSGN1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MSGN1 Antibody (Center) - Images



MSGN1 Antibody (Center) (Cat. #AP16154c) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the MSGN1 antibody detected the MSGN1 protein (arrow).

MSGN1 Antibody (Center) - Background

MSGN1 is involved in the formation and segmentation of paraxial mesoderm. Has the regulatory capacity to specify ventrolateral (including future paraxial), but not dorsal (future axial), mesoderm phenotypes. Seems to be an upstream regulator of at least some elements of the Notch and Delta signaling pathway (By similarity).

MSGN1 Antibody (Center) - References

Venter, J.C., et al. Science 291(5507):1304-1351(2001)
Yoon, J.K., et al. Dev. Biol. 222(2):376-391(2000)