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MSGN1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16154c

Product Information

Application	WB, E
Primary Accession	A6NI15
Other Accession	NP_001099039.1
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35432
Calculated MW	20778
Antigen Region	97-125

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 E~~Use at an assay dependent concentration.
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.

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}.

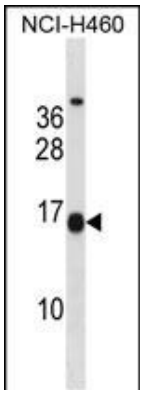
Background

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).

References

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

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.