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MSGN1 Rabbit pAb

Catalog # AP98160

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A6NI15
Other Accession	A6NI15
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20778
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MSGN1
Epitope Specificity	101-193/193
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 basic helix-loop-helix (bHLH) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	343930
Other Names	MSOG; pMsgn1; MSGN1_HUMAN; MSGN1; Paraxial mesoderm-specific mesogenin1; pMesogenin1 (pMsgn1); mesogenin 1; paraxial mesogenin
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}.

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