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MAML3 Rabbit pAb

Catalog # AP96903

Product Information

Application	WB
Primary Accession	Q96JK9
Other Accession	Q96JK9
Reactivity	Human
Predicted	Rat, Pig, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	122293
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAML3
Epitope Specificity	931-1030/1134
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the mastermind family.
SUBUNIT	Interacts through its N-terminal region with the ankyrin repeat region of the Notch proteins NOTCH1, NOTCH2, NOTCH3 and NOTCH4. Forms a DNA-binding complex with Notch proteins and RBPSUH/RBP-J kappa.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The three MAML genes are widely expressed in adult tissues but exhibit distinct expression patterns in mouse early spinal cord development. All MAML proteins localize to nuclear bodies, share a conserved basic domain in their N termini that binds to the ankyrin repeat domain of Notch, and contain a transcriptional activation domain in their C termini. MAML3 acts as a transcriptional coactivator for NOTCH proteins and has been shown to amplify NOTCH-induced transcription of HES1.

Additional Information

Gene ID	55534
Other Names	CAGH3; ERDA3; GDN; MAM-2; MAM2; TNRC3; mam-3; MAML3_HUMAN; MAML3; KIAA1816; mastermind like transcriptional coactivator 3; trinucleotide repeat containing 3; mastermind-like 3 (Drosophila); mastermind (drosophila)-like 3
Dilution	WB=1:500-2000
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	MAML3 (HGNC:16272)
Function	Acts as a transcriptional coactivator for NOTCH proteins. Has been shown to amplify NOTCH-induced transcription of HES1.
Cellular Location	Nucleus speckle. Note=Nuclear, in a punctate manner

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