

For Research Use Only

MAML3 Polyclonal antibody

Catalog Number: 23263-1-AP



Basic Information

Catalog Number: 23263-1-AP	GenBank Accession Number: BC137131	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55534	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q96JK9	IF/ICC 1:20-1:200
Isotype: IgG	Full Name: mastermind-like 3 (Drosophila)	
Immunogen Catalog Number: AG19788	Calculated MW: 1133 aa, 122 kDa	
	Observed MW: 122 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HEK-293 cells, IF/ICC : HEK-293 cells,

Background Information

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.

Storage

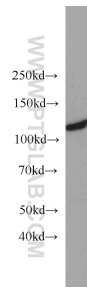
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

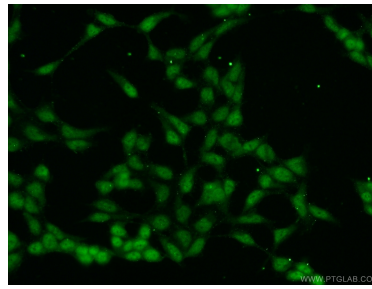
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23263-1-AP (MAML3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 23263-1-AP (MAML3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).