

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 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55534	Recommended Dilutions: WB 1:500-1:2000 IF 1:20-1:200
Source: Rabbit	Full Name: mastermind-like 3 (Drosophila)	
Isotype: IgG	Calculated MW: 1133 aa, 122 kDa	
Immunogen Catalog Number: AG19788	Observed MW: 122 kDa	

Applications

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

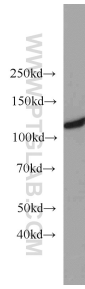
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

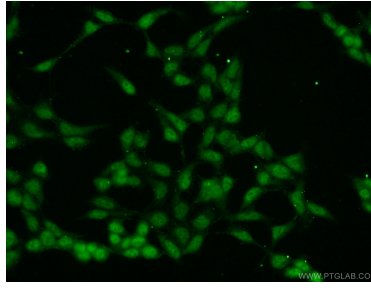
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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 AffiniPure Goat Anti-Rabbit IgG(H+L).