

**MAML1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54848****Specification**

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**MAML1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q92585</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	108054

**MAML1 Polyclonal Antibody - Additional Information****Gene ID** 9794**Other Names**

Mastermind-like protein 1, Mam-1, MAML1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=13632" target="\_blank">HGNC:13632</a>)

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**MAML1 Polyclonal Antibody - Protein Information****Name** MAML1 ([HGNC:13632](#))**Function**

Acts as a transcriptional coactivator for NOTCH proteins. Has been shown to amplify NOTCH-induced transcription of HES1. Enhances phosphorylation and proteolytic turnover of the NOTCH intracellular domain in the nucleus through interaction with CDK8. Binds to CREBBP/CBP which promotes nucleosome acetylation at NOTCH enhancers and activates transcription. Induces phosphorylation and localization of CREBBP to nuclear foci. Plays a role in hematopoietic development by regulating NOTCH-mediated lymphoid cell fate decisions.

**Cellular Location**

Nucleus speckle. Note=Nuclear, in a punctate manner

**Tissue Location**

Widely expressed with highest levels in heart, pancreas, peripheral blood leukocytes and spleen

## **MAML1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **MAML1 Polyclonal Antibody - Images**