

## MAML1 Rabbit pAb

CatalogNo: YN8340

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 112kD (Calculated)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human MAML1

**Specificity** This antibody detects endogenous levels of MAML1 at Human, Mouse

### Target Information

**Gene name** MAML1 KIAA0200

**Protein Name** Mastermind-like protein 1 (Mam-1)

Organism	Gene ID	UniProt ID
Human	<a href="#">9794;</a>	<a href="#">Q92585;</a>
Mouse	<a href="#">103806;</a>	<a href="#">Q6T264;</a>

**Cellular Localization** Nucleus speckle . Nuclear, in a punctate manner.

**Tissue specificity** Widely expressed with highest levels in heart, pancreas, peripheral blood leukocytes and spleen.

**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.

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**MAML1 Rabbit pAb**

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