

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. AA range:120-190

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	9794;	Q92585;
Mouse	103806;	Q6T264;

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.

| Validation Data

| Contact information

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MAML1 Rabbit pAb

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