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Datasheet for ABIN7451271 **anti-MAML2 antibody (AA 250-300)**

Overview

Quantity:	100 µg
Target:	MAML2
Binding Specificity:	AA 250-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAML2 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MAML2 Antibody, Affinity Purified
Immunogen:	between AA 250 and 300
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	MAML2
Alternative Name:	MAML2 (MAML2 Products)
Background:	Background: There are 3 MAML (mastermind-like) proteins in mammals (MAML1-3). MAML2 is a critical coactivator for NOTCH signaling. MAML2 associates with NOTCH and CSL in a ternary

Target Details

complex and functions to activate transcription of HES and hairy-related basic helix-loop-helix transcription factors. MAML2 has been identified in a chromosomal rearrangement and fusion with MECT1 in mucoepidermoid carcinomas, secondary acute myeloid leukemia, hidradenomas, and myelodysplastic syndrome. MECT1 is a CREB regulator, and when fused with the transactivational domain of MAML2, imparts constitutive activation of CREB-dependent transcription that may promote oncogenesis.

Gene ID: 84441

UniProt: [Q8IZL2](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended. Use rabbit anti-MAML2 antibody A300-682A.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months