Datasheet for ABIN655505

anti-MAML1 antibody (AA 198-225)

2 Images

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Overview

Quantity:	400 µL
Target:	MAML1
Binding Specificity:	AA 198-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAML1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This MAML1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-225 amino acids from the Central region of human MAML1.
Clone:	RB18757
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAML1
Alternative Name:	MAML1 (MAML1 Products)
Background:	This protein is the human homolog of mastermind, a Drosophila protein that plays a role in the

Target Details

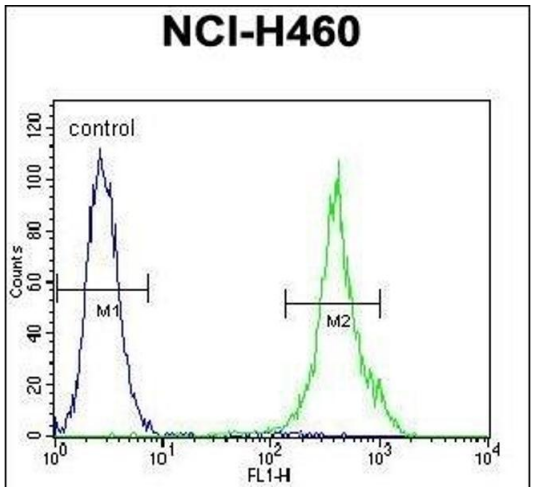
	Notch signaling pathway involved in cell-fate determination. There is in vitro evidence that the human homolog forms a complex with the intracellular portion of human Notch receptors and can increase expression of a Notch-induced gene. This evidence supports its proposed function as a transcriptional co-activator in the Notch signaling pathway.
Molecular Weight:	108054
Gene ID:	9794
NCBI Accession:	NP_055572
UniProt:	Q92585
Pathways:	Notch Signaling, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

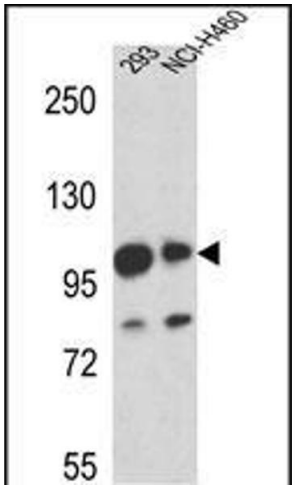
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. ML1 Antibody (Center) (ABIN655505 and ABIN2845021) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. ML1 Antibody (Center) (ABIN655505 and ABIN2845021) western blot analysis in 293,NCI- cell line lysates (35 µg/lane).This demonstrates the ML1 antibody detected the ML1 protein (arrow).