

Rabbit anti-Human MAML1 Polyclonal Antibody | anti-MAML1 antibody

MAML1 Antibody (Center)

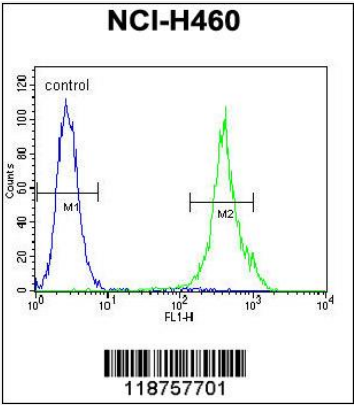
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286058	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

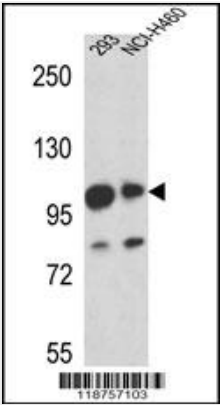
MAML1; Polyclonal Antibody; MAML1 Antibody (Center); Mastermind-like protein 1; Mam-1; MAML1 HGNC:13632); anti-MAML1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	198-225
Sequence Length	1016
Applicable Applications for anti-MAML1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MAML1 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MAML1 Antibody (Center) western blot analysis in 293, NCI-H460 cell line lysates (35ug/lane). This demonstrates the MAML1 antibody detected the MAML1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MAML1 antibody	This protein is the human homolog of mastermind, a Drosophila protein that plays a role in the 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.
Product Categories/Family for anti-MAML1 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Lindberg, M.J., et al. FASEB J. 24(7):2396-2404(2010) Hao, L., et al. Oncogene 29(2):201-213(2010) Saint Just Ribeiro, M., et al. Curr. Protein Pept. Sci. 10(6):570-576(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661990
NCBI GeneID	9794
NCBI Accession #	NP_055572.1
NCBI GenBank Nucleotide #	NM_014757.4
UniProt Accession #	Q92585; Q9NZ12
Molecular Weight	108054
NCBI Official Full Name	mastermind-like protein 1
NCBI Official Synonym Full Names	mastermind-like 1 (Drosophila)
NCBI Official Symbol	MAML1
NCBI Official Synonym Symbols	Mam1; Mam-1
NCBI Protein Information	mastermind-like protein 1
UniProt Protein Name	Mastermind-like protein 1

UniProt Gene Name	MAML1
UniProt Synonym Gene Names	Mam-1
UniProt Entry Name	MAML1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/maml1-antibody-flow-cytometry-western-blot-elisa/286058>