

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

Rabbit anti-MAML1 Antibody, Affinity Purified

CATALOG # AAA211082	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

MAML1; Polyclonal Antibody; Rabbit anti-MAML1 Antibody; Affinity Purified; Mam1; Mam-1; mastermind homolog; mastermind-like 1; mastermind-like protein 1; Mastermind-like protein 1; mastermind like transcriptional coactivator 1; anti-MAML1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MAML1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MAML1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, A-549, MCF-7, and GaMG cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MAML1 antibody AAA211082 (lot AAA211082-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human MAML1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MAML1 antibody AAA211082 (lot 2) used for IP at 6 ug per reaction. MAML1 was also immunoprecipitated by a previous lot of this antibody (lot 1) and rabbit anti-MAML1 antibody A300-673A. For blotting immunoprecipitated MAML1, AAA211082 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-MAML1 antibody	There are 3 MAML (mastermind-like) proteins in mammals (MAML1-3). MAML1 is a critical coactivator for NOTCH signaling. MAML1 associates with NOTCH and CSL in a ternary complex and functions to activate transcription of HES and hairy-related basic helix-loop-helix transcription factors. MAML1 has been observed to interact with p300 to acetylate histones H3 and H4. MAML1 also interacts with p53 and functions independent of NOTCH signaling, as a coactivator of p53 target genes.
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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	108,054 Da
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; MAML1; mastermind homolog
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-immunoprecipitation-western-blot-elisa/211082>