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Rabbit Anti-MAML3 antibody

SL12398R

Product Name:	MAML3
Chinese Name:	主导控制样蛋白3抗体
Alias:	AV234550; BC049812; CAGH3; ERDA3; GDN; KIAA1816; MAM 2; MAM2; mastermind like 3 (Drosophila); MGC59565; mKIAA1816; TNRC3; MAML3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	122kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAML3:931-1030/1134
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The three MAML genes are widely expressed in adult tissues but exhibit distinct expression patterns in mouse early spinal cord development. All MAML proteins localize to nuclear bodies, share a conserved basic domain in their N termini that binds to the ankyrin repeat domain of Notch, and contain a transcriptional activation domain in their C termini. MAML3 acts as a transcriptional coactivator for NOTCH proteins

and has been shown to amplify NOTCH-induced transcription of HES1.

Function:
Acts as a transcriptional coactivator for NOTCH proteins. Has been shown to amplify NOTCH-induced transcription of HES1.

Subunit:
Interacts through its N-terminal region with the ankyrin repeat region of the Notch proteins NOTCH1, NOTCH2, NOTCH3 and NOTCH4. Forms a DNA-binding complex with Notch proteins and RBPSUH/RBP-J kappa.

Subcellular Location:
Nucleus; nuclear speckle. Note=Nuclear, in a punctate manner

Similarity:
Belongs to the mastermind family.

SWISS:
Q96JK9

Gene ID:
55534

Database links:

Entrez Gene: 55534Human

Omim: 608991Human

SwissProt: Q96JK9Human

Unigene: 586165Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.