

## CAB17225

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**Product Information**

<b>Product SKU:</b>	CAB17225	<b>Gene ID:</b>	84441	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	150kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	125kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

<b>Background:</b>	The protein encoded by this gene is a member of the Mastermind-like family of proteins. All family members are proline and glutamine-rich, and contain a conserved basic domain that binds the ankyrin repeat domain of the intracellular domain of the Notch receptors (ICN1-4) in their N-terminus, and a transcriptional activation domain in their C-terminus. This protein binds to an extended groove that is formed by the interaction of CBF1, Suppressor of Hairless, LAG-1 (CSL) with ICN, and positively regulates Notch signaling. High levels of expression of this gene have been observed in several B cell-derived lymphomas. Translocations resulting in fusion proteins with both CRTC1 and CRTC3 have been implicated in the development of mucoepidermoid carcinomas, while a translocation event with CXCR4 has been linked with chronic lymphocytic leukemia (CLL). Copy number variation in the polyglutamine tract has been observed.
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	MAM2; MAM3; MAM-3; MLL-MAML2; MAML2
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 750-850 of human MAML2 (NP_115803.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.