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# DCAMKL1 Rabbit mAb

货号: **AYM30594**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>ICC:</b> 1:50 - 1:200
理论分子量	46kDa/47kDa/81kDa/82kDa
实测分子量	82kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	plasma membrane,postsynaptic density
纯化	Affinity purification

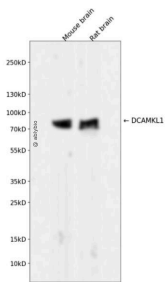
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human DCAMKL1.
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## 靶点信息

研究背景	This gene encodes a member of the protein kinase superfamily and the doublecortin family. The protein encoded by this gene contains two N-terminal doublecortin domains, which bind microtubules and regulate microtubule polymerization, a C-terminal serine/threonine protein kinase domain, which shows substantial homology to Ca <sup>2+</sup> /calmodulin-dependent protein kinase, and a serine/proline-rich domain in between the doublecortin and the protein kinase domains, which mediates multiple protein-protein interactions. The microtubule-polymerizing activity of the encoded protein is independent of its protein kinase activity. The encoded protein is involved in several different cellular processes, including neuronal migration, retrograde transport, neuronal apoptosis and neurogenesis. This gene is up-regulated by brain-derived neurotrophic factor and associated with memory and general cognitive abilities. Multiple transcript variants generated by two alternative promoter usage and alternative splicing have been reported, but the full-length nature and biological validity of some variants have not been defined. These variants encode different isoforms, which are differentially expressed and have different kinase activities.
基因ID	9201
基因名	DCLK1
Swiss	O15075 ( <a href="https://www.uniprot.org/uniprotkb/O15075/entry">https://www.uniprot.org/uniprotkb/O15075/entry</a> )
别名	DCAMKL1,DCAMKL1 Rabbit mAb,DCLK1,Doublecortin domain-containing protein 3A,Doublecortin-like and CAM kinase-like 1,Doublecortin-like kinase 1,DCDC3A,KIAA0369

## 产品验证



Western blot analysis of DCAMKL1 expressed in Mouse brain,Rat brain using DCAMKL1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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