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# Calbindin Rabbit mAb

货号: **AYM28509**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	23kDa/30kDa
实测分子量	30kDa
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	A-549,Mouse eye,Mouse brain
细胞定位	axon,calyx of Held,cytosol,dendrite,dendritic spine,extracellular exosome,GABA-ergic synapse,glutamatergic synapse,hippocampal mossy fiber to CA3 synapse,neuron projection,nucleus,postsynaptic cytosol,pre synaptic cytosol,synapse,terminal bouton
纯化	Affinity purification

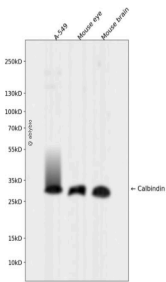
## 抗原信息

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

研究背景	The protein encoded by this gene is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. Originally described as a 27 kDa protein, it is now known to be a 28 kDa protein. It contains four active calcium-binding domains, and has two modified domains that are thought to have lost their calcium binding capability. This protein is thought to buffer entry of calcium upon stimulation of glutamate receptors. Depletion of this protein was noted in patients with Huntington disease.
基因ID	793
基因名	CALB1
Swiss	P05937 ( <a href="https://www.uniprot.org/uniprotkb/P05937/entry">https://www.uniprot.org/uniprotkb/P05937/entry</a> )
别名	Calbindin, Calbindin Rabbit mAb, CALB1, Calbindin D28, D-28K, Vitamin D-dependent calcium-binding protein, avian-type, CAB27

## 产品验证



Western blot analysis of Calbindin expressed in A-549, Mouse eye, Mouse brain using Calbindin 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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