

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	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 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

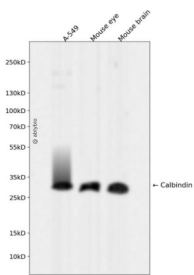
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Calbindin.
序列	MAESHLQSSLITASQFFEIWLHFDADGSGYLEGKELQNLIQELQQARKKAGLELSPMKTFVDQYQQRDDGKIGIVELAHVLPTEENFLLLFRCQQLKSCEEFMKTWRKYDTHSGFIETEELKNFLKDLLEKANKTVDDTKLAEYTDLMLKLFDSNNDGKLELTEMARLLPVQENFLLKFQGIKMCQKEFNKAFELYDQDNGYIDENELDALLKDLCEKNKQDLINNITTYKKNIMALSDGKLYRSDLALILCAGDN

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
别名	CALB1;CALB;D-28K;calbindin;Calbindin

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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