

产品名称: Calbindin D28K Rabbit Polyclonal Antibody
产品货号: APRab07846



产品概述 (Summary)

产品名称 (Production Name)	Calbindin D28K Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CALB1
别名 (Alternative Names)	CALB1; CAB27; Calbindin; Calbindin D28; D-28K; Vitamin D-dependent calcium-binding protein, avian-type
基因 ID (Gene ID)	793.0
蛋白 ID (SwissProt ID)	P05937.The antiserum was produced against synthesized peptide derived from the C-terminal region of human CALB1. AA range:191-240

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

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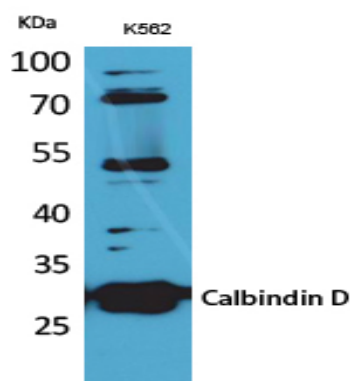
研究背景 (Background)

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. [provided by RefSeq, Jan 2015],domain:This protein has four functional calcium-binding sites; potential sites II and VI have lost affinity for calcium.,function:Buffers cytosolic calcium. May stimulate a membrane Ca(2+)-ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.,online information:Calbindin entry,similarity:Belongs to the calbindin family.,similarity:Contains 5 EF-hand domains.,subunit:Interacts with RANBP9.,

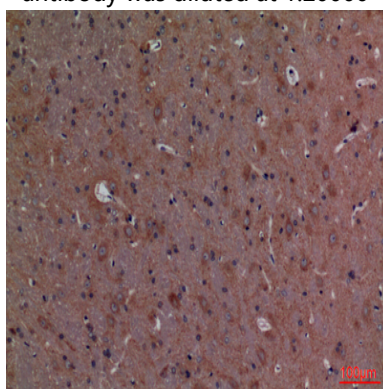
研究领域 (Research Area)

Neuroscience

图片 (Image Data)

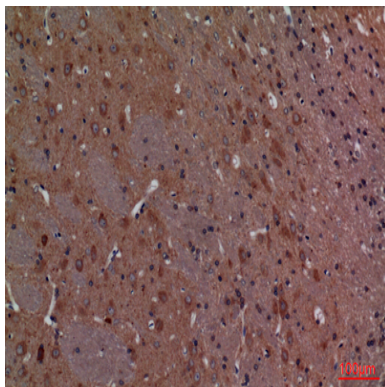


Western Blot analysis of K562 cells using Calbindin D28K Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

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注意事项 (Note)

For research use only .