

CABP1 Rabbit pAb

货号: AYP21625

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	
实测分子量	25kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	cell cortex,cytoplasm,cytoskeleton,extracellular space,perinuclear region of cytoplasm,plasma membrane ,postsynaptic density
纯化	Affinity purification

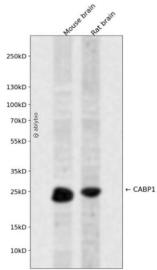
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CABP1 (NP_0010288 49.1).
序列	MGGGDGAAFKRPGDGARLQRVLGLGSRREPRSLPAGGPAPRRTAPPPGHASAGPAAMSSHIKSESKTSLKAAAAAA SGGSRAPRHGPARDPGLPSRR

靶点信息

研究背景	Calcium binding proteins are an important component of calcium mediated cellular signal transduction. This gene encodes a protein that belongs to a subfamily of calcium binding proteins which share similarity to calmodulin. The protein encoded by this gene regulates the gating of voltage-gated calcium ion channels. This protein inhibits calcium-dependent inactivation and supports calcium-dependent facilitation of ion channels containing voltage-dependent L-type calcium channel subunit alpha-1C. This protein also regulates calcium-dependent activity of inositol 1,4,5-triphosphate receptors, P/Q-type voltage-gated calcium channels, and transient receptor potential channel TRPC5. This gene is predominantly expressed in retina and brain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]
基因ID	9478
基因名	CABP1
Swiss	Q9NZU7
别名	CALBRAIN;HCALB_BR;CABP1

产品验证



Western blot analysis of CABP1 expressed in Mouse brain, Rat brain using CABP1 Rabbit pAb 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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