

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Anti-Mouse/Rat CABP1 Polyclonal Antibody

多克隆抗体

产品货号: PA03933

第三版

描述: 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. CABP1 (Calcium Binding Protein 1) is a Protein Coding gene. Among its related pathways are Visual Cycle in Retinal Rods. GO annotations related to this gene include calcium ion binding and protein domain specific binding. An important paralog of this gene is CABP2.

抗原: Synthetic Peptide

配方:

如何使用: 加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液: PBS (pH7.4) , 1% BSA

应用: WB 1 ~ 5 μg/ml.

特异性: Retina and brain. Somatodendritic compartment of neurons. Calbrain was found exclusively in brain where it is abundant in the hippocampus, habenular area in the epithalamus and in the cerebellum.