

CABP Rabbit Polyclonal Antibody

Catalog# UZ-PA02005

Product information

产品货号	UZ-PA02005
别名	Calcium-binding protein 1 (CaBP1;Calbrain;Caldendrin)
产品名称	CABP Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CABP1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC
反应种属	Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	9478
Human Swissprot No.	Q9NZU7
免疫原	Synthetic Peptide of CABP
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:40000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	40kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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],
细胞定位	Cytoplasm, cytoskeleton . Cytoplasm, perinuclear region . Cell membrane ; Lipid anchor; Cytoplasmic side. Golgi apparatus . Cell junction, synapse, postsynaptic density . L-CaBP1 is associated most likely with the cytoskeletal structures, whereas S-CaBP1 is localized at or near the plasma membrane. .; [Isoform L-CaBP1]: Cytoplasm, cytoskeleton . L-CaBP1 is associated most likely with the cytoskeletal structures. .; [Isoform S-CaBP1]: Cytoplasm, cell cortex. Cell membrane ; Lipid anchor . S-CaBP1 is localized at or near the plasma membrane.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal