CABP(9R1)Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM37080	CABP(9R1)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述：

产品货号	IM37080
别名	CaBP1;Calbrain;Calcium binding protein 1;Calcium binding protein 5; Caldendrin;HCALB BR.
产品名称	CABP(9R1)Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	CABP1
推荐应用	WB,IF-ICC
反应种属	Human,Mouse
存储缓冲液	Rabbit IgG in phosphate buffered saline,pH 7.4,150mM NaCl,0.02% New type preservative N and 50% glycerol.Store at +4℃ short term.Store at -20℃ long term.Avoid freeze/thaw cycle.
Human Gene ID	9478
Human Swissprot No.	Q9NZU7
稀释度	WB 1:1000-1:2000,IF-ICC 1:50-1:200
参考分子量	45kDa

预测分子量	40kDa
运输及保存条件	Biological ice bag transportation.Store at -20℃ for at least 12 months(Do not lower than 25℃).Avoid freeze/thaw cycles.
宿主	Rabbit
同种型	IgG
注意事项	CABP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	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.
细胞定位	Cytoplasm,cytoskeleton.Cytoplasm,perinuclear region.Cell membrane;Lipid-anchor;Cytoplasmic side.Golgi apparatus Cell junction,synapse,postsynaptic density.Note=L-CaBP1 is associated most likely with the cytoskeletal structures,whereas S-CaBP1 is localized at or near the plasma membrane[Isoform S-CaBP1]:Cytoplasm,cell cortex.Cell membrane;Lipid-anchor Note=S CaBP1 is localized at or near the plasma membrane.
功能	Modulates calcium-dependent activity of inositol 1,4,5-triphosphate receptors(ITPRs)(PubMed:14570872).Inhibits agonist-induced intracellular calcium signaling(PubMed:15980432).Enhances inactivation and does not support calcium-dependent facilitation of voltage-dependent P/Q type calcium channels(PubMed:11865310). Causes calcium-dependent facilitation and inhibits inactivation of L-type calcium channels by binding to the same sites as calmodulin in the C-terminal domain of CACNA1C,but has an opposite effect on channel function(PubMed:15140941).Suppresses the calcium-dependent inactivation of CACNA1D(By similarity).Inhibits TRPC5 channels

功能	(PubMed:15895247).Prevents NMDA receptor-induced cellular degeneration.Required for the normal transfer of light signals through the retina(By similarity).
Clonality	Monoclonal

注意事项：

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