

产品名称: GAP-43 (phospho Ser41) Rabbit Polyclonal Antibody
产品货号: APRab04722



产品概述 (Summary)

产品名称 (Production Name)	GAP-43 (phospho Ser41) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	Phosphorylated
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)	GAP43
别名 (Alternative Names)	GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46
基因 ID (Gene ID)	2596.0
蛋白 ID (SwissProt ID)	P17677.The antiserum was produced against synthesized peptide derived from human GAP43 around the phosphorylation site of Ser41. AA range:8-57

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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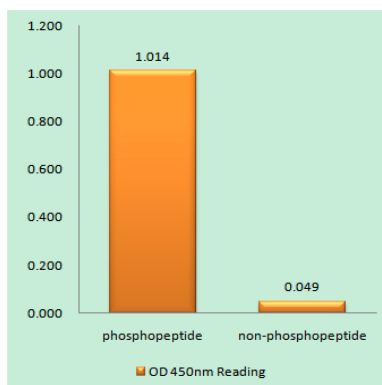
研究背景 (Background)

The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],function:This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons.,online information:Gap-43 entry,PTM:Phosphorylation of this protein by a protein kinase C is specifically correlated with certain forms of synaptic plasticity.,similarity:Belongs to the neuromodulin family.,similarity:Contains 1 IQ domain.,subcellular location:Cytoplasmic surface of growth cone and synaptic plasma membranes.,subunit:Binds calmodulin with a greater affinity in the absence of Ca(2+) than in its presence.,

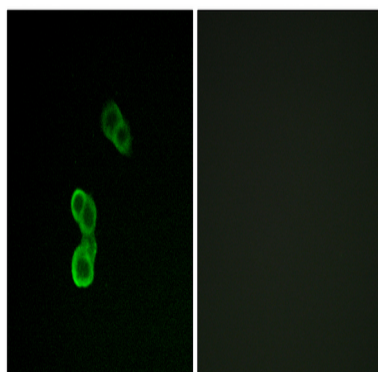
研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GAP43 (Phospho-Ser41) Antibody





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Immunofluorescence analysis of MCF-7 cells, using GAP43 (Phospho-Ser41) Antibody. The picture on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .