ARHGAP44 Rabbit pAb

货号: AYP16368

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	83kDa/88kDa/89kDa
实测分子量	110kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,293T,Mouse brain,Mouse heart,Mouse lung,Rat heart,Rat brain
细胞定位	Cell junction,Cell projection,Recycling endosome,dendritic spine,synapse
纯化	Affinity purification

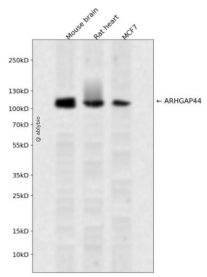
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 666-772 of human ARHGAP44 (NP_055674.4).
序列	MADQSAGQPSPVSLSPTPPSTPSPYGLSYPQGYSLASGQLSPAAAPPLASPSVFTSTLSKSRPTPKPRQRPTLPPPQPPTVNLSASSPQSTEAPMLDGMSPGESMST

靶点信息

研究背景	GTPase-activating protein (GAP that stimulates the GTPase activity of Rho-type GTPases. Thereby, controls Rho-type GTPases cycling between their active GTP-bound and inactive GDP-bound states. Acts as a GAP at least for CDC42 and RAC1. In neurons, is involved in dendritic spine formation and synaptic plasticity in a specific RAC1-GAP activity (By similarity. Limits the initiation of exploratory dendritic filopodia. Recruited to actin-patches that seed filopodia, binds specifically to plasma membrane sections that are deformed inward by acto-myosin mediated contractile forces. Acts through GAP activity on RAC1 to reduce actin polymerization necessary for filopodia formation (By similarity. In association with SHANK3, promotes GRIA1 exocytosis from recycling endosomes and spine morphological changes associated to long-term potentiation (By similarity.
基因**ID**	9912
基因名	ARHGAP44
Swiss	Q17R89
别名	ARHGAP44;NPC-A-10;RICH2

产品验证



Western blot analysis of ARHGAP44 expressed in Mouse brain,Rat heart,MCF7 using ARHGAP44 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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