

# ARHGAP44 Rabbit pAb

货号: B16368

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	<b>WB:</b> 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°C. 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

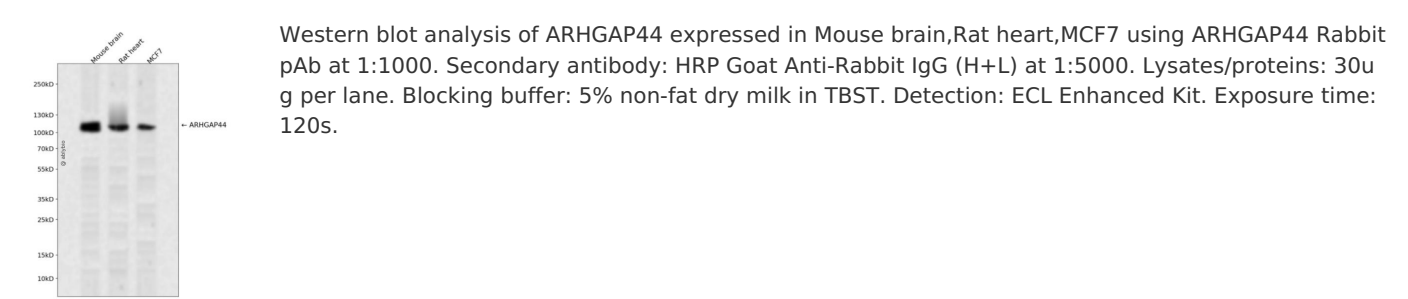
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 666-772 of human ARH GAP44 (NP_055674.4).
序列	MADQSAGQSPVLSPTTPSTPSYGLSYPGYSLASGQLSPAAAPPLASPSVFTSTLSKSRPTPKPRQRPTLPPQPPTVN LSASSPQSTEAPMLDGMSPGESMST

靶点信息

研究背景	GTPase-activating protein (GAP that stimulates the GTPase activity of Rho-type GTPases. Thereby, control s Rho-type GTPases cycling between their active GTP-bound and inactive GDP-bound states. Acts as a GA P 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. Recrui ted to actin-patches that seed filopodia, binds specifically to plasma membrane sections that are deform ed 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 GRI A1 exocytosis from recycling endosomes and spine morphological changes associated to long-term poten tiation (By similarity.
基因ID	9912
基因名	ARHGAP44
Swiss	Q17R89
别名	ARHGAP44;NPC-A-10;RICH2

产品验证



实验步骤

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