

SynGAP Rabbit mAb

货号: B30315

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	147kDa
实测分子量	147kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	cytosol,dendritic shaft,glutamatergic synapse,plasma membrane,postsynaptic density
纯化	Affinity purification

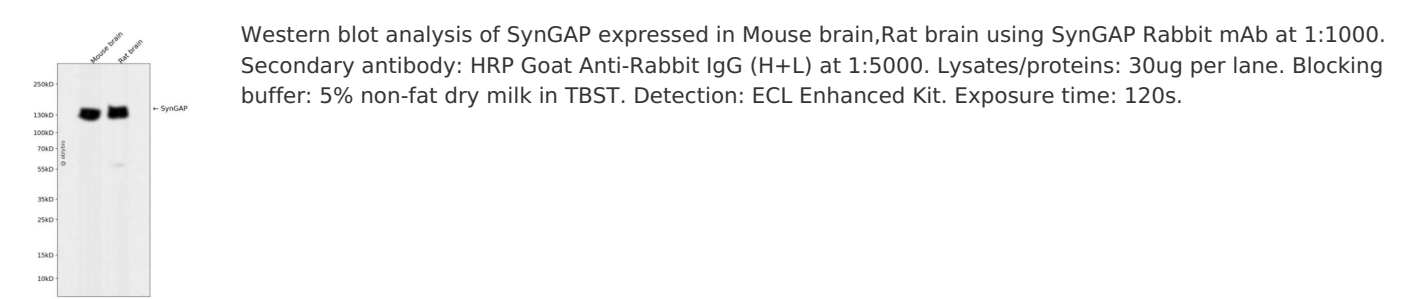
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human SynGAP.
序列	SEKRLRQQAEKDSQIKSIIGRLMLVEEELRRDHPAMAEPLPEPKRLLDAQERQLPPLGPTNPRVTLAPPWNGLAPPAPPP PPRLQITENGEFRNTADH

靶点信息

研究背景	This gene encodes a Ras GTPase activating protein that is a member of the N-methyl-D-aspartate receptor complex. The N-terminal domain of the protein contains a Ras-GAP domain, a pleckstrin homology domain, and a C2 domain that may be involved in binding of calcium and phospholipids. The C-terminal domain consists of a ten histidine repeat region, serine and tyrosine phosphorylation sites, and a T/SXV motif required for postsynaptic scaffold protein interaction. The encoded protein negatively regulates Ras, Rap and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor trafficking to the postsynaptic membrane to regulate synaptic plasticity and neuronal homeostasis. Allelic variants of this gene are associated with intellectual disability and autism spectrum disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]
基因ID	8831
基因名	SYNGAP1
Swiss	Q96PV0
别名	MRD5; RASA1; RASA5; SYNGAP

产品验证



实验步骤

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