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ARC Rabbit mAb

货号: AAY2122

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:500-1:2000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	45kD
实测分子量	55kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.1124.
偶联物	Unconjugated
阳性对照	HeLa,Mouse brain
细胞定位	Cell junction,Cell projection,Cytoplasm,Cytoplasmic vesicle,Endosome,acrosome,cytoskeleton,dendrite,dendritic spine,postsynaptic cell membrane,postsynaptic density,secretory vesicle,synapse
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	Master regulator of synaptic plasticity that self-assembles into virion-like capsids that encapsulate RNAs and mediate intercellular RNA transfer in the nervous system. ARC protein is released from neurons in extracellular vesicles that mediate the transfer of ARC mRNA into new target cells, where ARC mRNA can undergo activity-dependent translation. ARC capsids are endocytosed and are able to transfer ARC mRNA into the cytoplasm of neurons. Acts as a key regulator of synaptic plasticity: required for protein synthesis-dependent forms of long-term potentiation (LTP and depression (LTD and for the formation of long-term memory.
基因ID	23237
基因名	ARC KIAA0278;Activity-regulated cytoskeleton-associated protein (ARC/ARG3.1) (Activity-regulated gene 3.1 protein homolog) (Arg3.1);
Swiss	Q7LC44 (https://www.uniprot.org/uniprotkb/Q7LC44/entry)
别名	ARC KIAA0278;Activity-regulated cytoskeleton-associated protein (ARC/ARG3.1) (Activity-regulated gene 3.1 protein homolog) (Arg3.1);

产品验证

实验步骤

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