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ARC Rabbit pAb

货号: B15830

产品信息

反应	Human,Mouse
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	45kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
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	Affinity purification

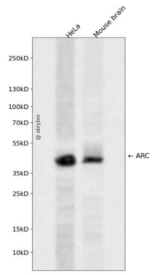
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human ARC (NP_056008.1).
序列	MELDHRTSGGLHAYPGPRGGQVAKPNVILQIGKCRAEMLEHVRRTHRHLLAEVSKQVERELKGLHRSVGKLESNLDGYVPTSDSQRWKKSIKACLCRCQETIANLERWVKREMHVWREVFYRLERWADRLESTGGKYPVGSESARHTVSVGVGGPESYCHEADGYDYTVSPYAITPPPAAGELPGQEPAEAQQYQPWVPGEDGQPSPGVDTQIFEDPREF

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
Swiss	Q7LC44
别名	ARC;Arg3.1

产品验证



Western blot analysis of ARC expressed in HeLa,Mouse brain using ARC 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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