



ARF1 mouse mAb

货号	YP-mAb-18323
同位型	IgG
应用	WB
种属	Human, Mouse,Rat
靶点	
基因名称	ARF1
蛋白名称	ADP-ribosylation factor 1
免疫原	Synthesized peptide derived from human ARF1
特异性	This antibody detects endogenous levels of ARF1 at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	20kD
功能	GTP-binding protein involved in protein trafficking among different compartments. Modulates vesicle budding and uncoating within the Golgi complex. Deactivation induces the redistribution of the entire Golgi complex to the endoplasmic reticulum, suggesting a crucial role in protein trafficking. In its GTP-bound form, it triggers the association with coat proteins with the Golgi membrane. The hydrolysis of ARF1-bound GTP, which is mediated by ARFGAPs proteins, is required for dissociation of coat proteins from Golgi membranes and vesicles. The GTP-bound form interacts with PICK1 to limit PICK1-mediated inhibition of Arp2/3 complex activity; the function is linked to AMPA receptor (AMPA) trafficking, regulation of synaptic plasticity of excitatory synapses and spine shrinkage during long-term depression (LTD).; (Microbial infection) Functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase.
细胞定位	Golgi apparatus . Cytoplasm, perinuclear region . Cell junction, synapse, synaptosome . Cell junction, synapse, postsynaptic density . Membrane ; Lipid-anchor . Golgi apparatus, trans-Golgi network membrane ; Lipid-anchor .
组织表达	
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!



使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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