

产品名称: ARFGEF2 Rabbit Monoclonal Antibody
产品货号: AMRe85303



产品概述 (Summary)

产品名称 (Production Name)	ARFGEF2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ARFGEF2
别名 (Alternative Names)	BIG2; PVNH2; dJ1164I10.1
基因 ID (Gene ID)	10564.0
蛋白 ID (SwissProt ID)	Q9Y6D5.A synthetic peptide of human ARFGEF2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 202 kDa; Observed MW: 202 kDa

研究背景 (Background)

Promotes guanine-nucleotide exchange on ARF1 and ARF3 and to a lower extent on ARF5 and ARF6. Promotes the

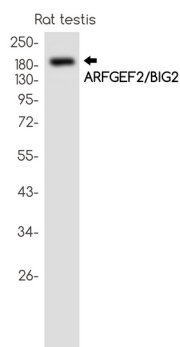
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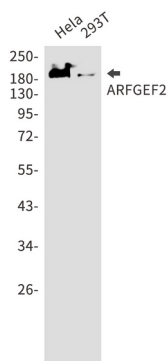
activation of ARF1/ARF5/ARF6 through replacement of GDP with GTP. Involved in the regulation of Golgi vesicular transport. Required for the integrity of the endosomal compartment. Involved in trafficking from the trans-Golgi network (TGN) to endosomes and is required for membrane association of the AP-1 complex and GGA1. Seems to be involved in recycling of the transferrin receptor from recycling endosomes to the plasma membrane. Probably is involved in the exit of GABA(A) receptors from the endoplasmic reticulum. Involved in constitutive release of tumor necrosis factor receptor 1 via exosome-like vesicles; the function seems to involve PKA and specifically PRKAR2B. Proposed to act as A kinase-anchoring protein (AKAP) and may mediate crosstalk between Arf and PKA pathways.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of ARFGEF2/BIG2 in rat testis lysates using ARFGEF2 antibody.



Western blot analysis of ARFGEF2 in HeLa, 293T lysates using ARFGEF2 antibody.

注意事项 (Note)

For research use only .