

产品名称: RUFY1 Rabbit Polyclonal Antibody
产品货号: AP Rab17438



产品概述 (Summary)

产品名称 (Production Name)	RUFY1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RUFY1 RUFY1; RABIP4; ZFYVE12; RUN and FYVE domain-containing protein 1; FYVE-finger protein EIP1; La-binding protein 1; Rab4-interacting protein; Zinc finger FYVE domain-containing protein 12
别名 (Alternative Names)	
基因 ID (Gene ID)	80230.0
蛋白 ID (SwissProt ID)	Q96T51.The antiserum was produced against synthesized peptide derived from human RUFY1. AA range:139-188

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

产品名称: RUFY1 Rabbit Polyclonal Antibody
产品货号: AP Rab17438



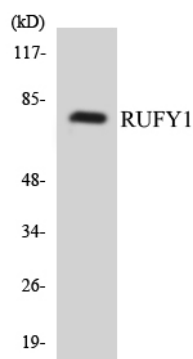
研究背景 (Background)

RUN and FYVE domain containing 1(RUFY1) Homo sapiens This gene encodes a protein that contains a RUN domain and a FYVE-type zinc finger domain. The encoded protein binds to phosphatidylinositol-3-phosphate (PI3P) and plays a role in early endosomal trafficking, tethering and fusion through interactions with small GTPases including Rab4, Rab5 and Rab14. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011],domain:The FYVE-type zinc finger domain mediates interactions with phosphatidylinositol 3-phosphate.,function:Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early endosomal trafficking.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,PTM:Phosphorylation on Tyr-389 and/or Tyr-400 is required for interaction with BMX and endosomal targeting.,similarity:Contains 1 FYVE-type zinc finger.,similarity:Contains 1 RUN domain.,subunit:Interacts with BMX. May interact with SSB. Interacts with RAB4 and RAB5 that have been activated by GTP-binding.,tissue specificity:Broadly expressed, with highest levels in lung, testis, kidney and brain.,

研究领域 (Research Area)

Endocytosis;

图片 (Image Data)



Western blot analysis of the lysates from HUVEC cells using RUFY1 antibody.

注意事项 (Note)

For research use only .