Rab4 相互作用蛋白抗体

产品货号： mlR18895

英文名称： RUFY1

中文名称： Rab4 相互作用蛋白抗体

别　　名： 3000002E04Rik; FLJ22251; FYVE finger protein EIP1; FYVE-finger protein EIP1; La binding protein 1; La-binding protein 1; OTTHUMP00000161521; Rab4 interacting protein; Rab4-interacting protein; RABIP4; RUFY1; RUFY1_HUMAN; RUN and FYVE domain containing 1; RUN and FYVE domain-containing protein 1; RUN and FYVE domains containing protein 1; ZFYVE12; Zinc finger FYVE domain containing protein 12; Zinc finger FYVE domain-containing protein 12.

研究领域： 细胞生物　转录调节因子　锌指蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 80kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human RUFY1:301-400/708

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： 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]

Function:

Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early endosomal trafficking.

Subcellular Location:

Cytoplasm. Early endosome membrane.

Tissue Specificity:

Broadly expressed, with highest levels in lung, testis, kidney and brain.

Post-translational modifications:

Phosphorylation on Tyr-389 and/or Tyr-400 is required for interaction with BMX and endosomal targeting.

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Contains 1 FYVE-type zinc finger.

Contains 1 RUN domain.

SWISS:

Q96T51

Gene ID:

80230

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.