

RABEP1 蛋白抗体

产品货号： mlR19721

英文名称： RABEP1

中文名称： RABEP1 蛋白抗体

别 名： Neurocrescin; Rab GTPase binding effector protein 1; RAB5EP; Rabaptin 4; Rabaptin 5; Rabaptin 5alpha; RABPT5; RABPT5A; Renal carcinoma antigen NY REN 17; Renal carcinoma antigen NYREN17.

研究领域： 细胞生物 信号转导 G 蛋白偶联受体 G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： ELISA=1:500-1000 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： 99kDa

细胞定位： 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human RABEP1:501-600/862

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： RABEP1 is a Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. It is involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.

Function:

Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.

Subunit:

Homodimer when bound to RAB5A. Heterodimer with RABGEF1. The heterodimer binds RAB4A and RAB5A that have been activated by GTP-binding. Binds TSC2, GGA1, GGA2, GGA3, AP1G1 and AP1G2. Interacts with ECM29.

Subcellular Location:

Cytoplasm. Early endosome. Recycling endosome

Post-translational modifications:

Proteolytic cleavage by caspases in apoptotic cells causes loss of endosome fusion activity.

Similarity:

Belongs to the rabaptin family.

SWISS:

Q15276

Gene ID:

9135

Important Note:

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