

## ras 癌基因家族 Rab3A--Rab3D 抗体

产品货号： mlR6180

英文名称： Rab3A+Rab3B+Rab3C+Rab3D

中文名称： ras 癌基因家族 Rab3A--Rab3D 抗体

别名： RAB3A; RAB3A member RAS oncogene family; RAB3B; RAB3B member RAS oncogene family; RAB3C; RAB3C member RAS oncogene family; RAB3D member RAS oncogene family; RAD3D; Ras related protein Rab 3A; Ras related protein Rab 3B; Ras related protein Rab 3C; Ras related protein Rab 3D; D2 2; Glioblastoma overexpressed; GOV; RAB16.

研究领域： 神经生物学 信号转导 转录调节因子 G 蛋白偶联受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：24-27kDa

细胞定位：细胞浆 细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human Rab3A+Rab3B+Rab3C+Rab3D:101-150/220

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：** Rab proteins belong to the Ras small GTPase superfamily. The GTP-binding Rab3 subfamily has four known isoforms: 3A, 3B, 3C and 3D. These proteins are expressed in the highest concentration in the brain and endocrine tissues and are involved in regulated exocytosis of hormones and neurotransmitters. Specifically Rab3's are thought to play a role in presynaptic vesicle trafficking and priming.

**Function:**

Involved in exocytosis by regulating a late step in synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal.

**Subunit:**

Heterodimer with RIMS2. Part of a ternary complex involving PCLO and EPAC2. Interacts with RPH3A and RPH3AL. Interacts with the exocyst complex through SEC15. Binds SYTL4 and RIMS1. Interacts with RAB3IP. Interacts with SGSM1 and SGSM3.

**Subcellular Location:**

Cell membrane; Lipid-anchor; Cytoplasmic side.

**Tissue Specificity:**

Specifically expressed in brain.

**Similarity:**

Belongs to the small GTPase superfamily. Rab family.

**SWISS:**

P20336

**Gene ID:**

5864

**Important Note:**

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

产品图片

