鸟嘌呤核苷酸交换因子 RGNEF 抗体

产品货号： mlR19849

英文名称： RGNEF

中文名称： 鸟嘌呤核苷酸交换因子 RGNEF 抗体

别　　名： 190 kDa guanine nucleotide exchange factor; guanine nucleotide exchange factor, 190-KD; KIAA1998; p190-RhoGEF; p190RhoGEF; RGNEF; RGNEF, mouse, homolog of; RGNEF_HUMAN; Rho guanine nucleotide exchange factor (GEF) 28; rho guanine nucleotide exchange factor 28; Rho interacting protein 2; Rho-guanine nucleotide exchange factor; RhoGEF; RIP2.

研究领域： 细胞生物　信号转导　细胞周期蛋白　G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Horse, Sheep,

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： 192kDa

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 RGNEF:1001-1100/1705

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 member of the Rho guanine nucleotide exchange factor family. The encoded protein interacts with low molecular weight neurofilament mRNA and may be involved in the formation of amyotrophic lateral sclerosis neurofilament aggregates. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Apr 2010]

Function:

Functions as a RHOA-specific guanine nucleotide exchange factor regulating signaling pathways downstream of integrins and growth factor receptors. Functions in axonal branching, synapse formation and dendritic morphogenesis. Functions also in focal adhesion formation, cell motility and B-lymphocytes activation. May regulate NEFL expression and aggregation and play a role in apoptosis.

Subunit:

Homooligomer; forms cytoplasmic aggregates. Forms a complex with MAPK8 and MAPK8IP1. Interacts with RHOA. Interacts with microtubules. Interacts with YWHAE and YWHAH. Interacts with PTK2/FAK1. Interacts with NEFL (By similarity). Interacts with CTNND2; prevents interaction with RHOA.

Subcellular Location:

Cytoplasm. Cell membrane. Colocalizes with the microtubule radial and cortical systems.

Post-translational modifications:

Phosphorylated on tyrosine upon stimulation of cells by laminin.

Similarity:

Contains 1 DH (DBL-homology) domain.

Contains 1 PH domain.

Contains 1 phorbol-ester/DAG-type zinc finger.

SWISS:

Q8N1W1

Gene ID:

64283

Important Note:

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