

丝氨酸/苏氨酸蛋白激酶 KPI2 抗体

产品货号： mIR16802

英文名称： KPI2

中文名称： 丝氨酸/苏氨酸蛋白激酶 KPI2 抗体

别名： AATYK 2; AATYK2; Apoptosis associated tyrosine kinase 2; Apoptosis-associated tyrosine kinase 2; Brain enriched kinase; Brain-enriched kinase; BREK; CDK5/p35 regulated kinase; CDK5/p35-regulated kinase; CPRK; cyclin-dependent kinase 5/p35-regulated kinase; FLJ46659; hBREK; KIAA1079; Kinase phosphatase inhibitor 2; Kinase/phosphatase/inhibitor 2; KPI 2; KPI-2; Lemur tyrosine kinase 2; LMR 2; LMR2; LMTK 2; Lmtk2; LMTK2_HUMAN; Serine/threonine protein kinase KPI 2; Serine/threonine protein kinase KPI2; Serine/threonine protein kinase LMTK 2; Serine/threonine protein kinase LMTK2; Serine/threonine-protein kinase KPI-2; Serine/threonine-protein kinase LMTK2.

研究领域： 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 164kDa

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 KPI2:351-450/1503

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 background:

The protein encoded by this gene belongs to the protein kinase superfamily and the protein tyrosine kinase family. It contains N-terminal transmembrane helices and a long C-terminal cytoplasmic tail with serine/threonine/tyrosine kinase activity. This protein interacts with several other proteins, such as Inhibitor-2 (Inh2), protein phosphatase-1 (PP1C), p35, and myosin VI. It phosphorylates other proteins, and is itself also phosphorylated when interacting with cyclin-dependent kinase 5 (cdk5)/p35 complex. This protein involves in nerve growth factor (NGF)-TrkA signalling, and also plays a critical role in endosomal membrane trafficking. Mouse studies suggested an essential role of this protein in spermatogenesis. [provided by RefSeq, Oct 2009]

Function:

Phosphorylates PPP1C, phosphorylase b and CFTR.

Subcellular Location:

Membrane.

Tissue Specificity:

Mainly expressed in skeletal muscle, and weakly in brain and pancreas.

Post-translational modifications:

Autophosphorylated. Phosphorylated.

Similarity:

Belongs to the protein kinase superfamily.

Tyr protein kinase family.

Contains 1 protein kinase domain.

SWISS:

Q8IWU2

Gene ID:

22853

Important Note:

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