

蛋白激酶 C α 相互作用蛋白 1 抗体

产品货号： mlR7898

英文名称： PICK1

中文名称： 蛋白激酶 C α 相互作用蛋白 1 抗体

别名： PICK 1; Pick1; PICK1_HUMAN; PRKCA binding protein; PRKCA-binding protein; Prkcabp; Protein interacting with C kinase 1; Protein interacting with PRKCA; Protein interacting with PRKCA 1; Protein kinase C alpha binding protein; Protein kinase C-alpha-binding protein; Protein that interacts with C kinase 1.

研究领域： 肿瘤 细胞生物 免疫学 神经生物学 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, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：46kDa

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 PICK1:201-300/415

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：Probable adapter protein that bind to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence. Involved in the clustering of various receptors,

possibly by acting at the receptor internalization level. Plays a role in synaptic plasticity by regulating the trafficking and internalization of AMPA receptors. May be regulated upon PRKCA activation. May regulate heteromeric ACCN3/ACCN2 channel.

Function:

Probable adapter protein that bind to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence. Involved in the clustering of various receptors, possibly by acting at the receptor internalization level. Plays a role in synaptic plasticity by regulating the trafficking and internalization of AMPA receptors. May be regulated upon PRKCA activation. May regulate heteromeric ACCN3/ACCN2 channel.

Subunit:

Monomer and homodimer.

Subcellular Location:

Cytoplasm, perinuclear region. Cell junction, synapse. Note=Also present at excitatory synapses.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

Phosphorylation at Thr-82 appears to inhibit the interaction with AMPA receptors.

Similarity:

Contains 1 AH domain.

Contains 1 PDZ (DHR) domain.

SWISS:

Q9NRD5

Gene ID:

9463

Important Note:

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

PICK1 是衔接 PKC α 和膜上众多受体的关键蛋白之一，是细胞质中的膜结合蛋白,在蛋白质转运,以及细胞内信号转导过程中发挥重要作用；而在男性不育方面，PICK1 蛋白也是促进精子顶体发育的关键蛋白，缺失 PICK1 蛋白将导致精子受破坏，失去活动能力和受精能力。

产品图片

