

电压依赖性钙通道蛋白抗体

产品货号： mIR17163

英文名称： TPCN1

中文名称： 电压依赖性钙通道蛋白抗体

别名： FLJ20612; KIAA1169; TPC1; TPC1_HUMAN; TPCN 1; TPCN1; Two pore calcium channel protein 1; Two pore channel 1; Two pore segment channel 1; Voltage dependent calcium channel protein TPC1; Voltage-dependent calcium channel protein TPC1.

研究领域： 细胞生物 信号转导 通道蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, 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 : 94kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human TPCN1:701-800/816

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 Voltage-gated Ca^{2+} and Na^{+} channels have 4 homologous domains, each containing 6 transmembrane segments, S1 to S6. TPCN1 is similar to these channels, but it has only 2 domains containing S1 to S6 (Ishibashi et al., 2000 [PubMed 10753632]).[supplied by OMIM, Mar 2008]

Function:

Nicotinic acid adenine dinucleotide phosphate (NAADP) receptor that may function as one of the major voltage-gated Ca^{2+} channels (VDCC) across the lysosomal and endosomal membrane.

Subcellular Location:

Lysosome membrane. Endosome membrane.

Tissue Specificity:

Highest expression found in the heart and kidney, and lowest expression found in the spleen.

Similarity:

Belongs to the calcium channel alpha-1 subunit (TC 1.A.1.11) family. Two pore calcium channel subfamily.

SWISS:

Q9ULQ1

Gene ID:

53373

Important Note:

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