

PDZ 结构域 PDZK3 蛋白抗体

产品货号： mIR12607

英文名称： PDZD3

中文名称： PDZ 结构域 PDZK3 蛋白抗体

别名： IKEPP; Intestinal and kidney enriched PDZ protein; Intestinal and kidney-enriched PDZ protein; Na(+)/H(+) exchange regulatory cofactor NHE-RF4; Na/Pi cotransporter C terminal associated protein 2; Na/Pi cotransporter C-terminal-associated protein 2; NaPi-Cap2; Natrium-phosphate cotransporter IIa C-terminal-associated protein 2; NHERF-4; NHERF4; NHRF4_HUMAN; PDZ domain containing 2; PDZ domain containing 3; PDZ domain containing protein 2; PDZ domain-containing protein 2; PDZ domain-containing protein 3; PDZD 3; Pdzd3; PDZK2; Protein DLNB27; Sodium-hydrogen exchanger regulatory factor 4.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse,

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： 61kDa

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 PDZD3:101-200/571

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 : Guanylyl cyclase C (GCC, or GUCY2C; MIM 601330) produces cGMP following the binding of either endogenous ligands or heat-stable enterotoxins secreted by E. coli and other enteric bacteria. Activation of GCC initiates a signaling cascade that leads to phosphorylation of the cystic fibrosis transmembrane conductance regulator (CFTR; MIM 602421), followed by a net efflux of ions and water into the intestinal lumen. IKEPP is a regulatory protein that associates with GCC and regulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 11950846]).[supplied by OMIM, Mar 2008]

Function:

Acts as a regulatory protein that associates with GUCY2C and negatively modulates its heat-stable enterotoxin-mediated activation. Stimulates SLC9A3 activity in the presence of elevated calcium ions.

Subcellular Location:

Cell membrane. Cytoplasm. Preferentially accumulates at the apical surface and ileal brush border of intestinal epithelial cells.

Tissue Specificity:

Expressed in kidney and the gastrointestinal tract. Not detected in brain, heart, skeletal muscle or cells of hematopoietic origin.

Similarity:

Contains 4 PDZ (DHR) domains.

SWISS:

Q86UT5

Gene ID:

607146

Important Note:

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