

基质细胞衍生因子 4 抗体（钙结合蛋白）

产品货号： mlR6732

英文名称： SDF4

中文名称： 基质细胞衍生因子 4 抗体（钙结合蛋白）

别名： CAB45; Calcium binding protein; PSEC0034; SDF 4; SDF-4; Stromal cell derived factor 4; CAB45_HUMAN.

研究领域： 肿瘤 细胞生物 信号转导 生长因子和激素 结合蛋白 肿瘤细胞生物标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Horse,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：38kDa

细胞定位：细胞浆 细胞膜 细胞外基质

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human SDF4:121-230/362

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:

This gene encodes a stromal cell derived factor that is a member of the CREC protein family. The encoded protein contains six EF-hand motifs and calcium-binding motifs. This protein localizes to the Golgi lumen and may be involved in regulating calcium dependent cellular activities. [provided by RefSeq, Sep 2011].

Function:

May regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment (By similarity).

Isoform 5 may be involved in the exocytosis of zymogens by pancreatic acini. [COFACTOR] Binds calcium (By similarity). Isoform 5 binds calcium.

Subunit:

Isoform 5 interacts with STXBP1; the interaction is enhanced in presence of calcium. Isoform 5 interacts with STX3.

Subcellular Location:

Isoform 1: Golgi apparatus lumen (By similarity).

Isoform 5: Cytoplasm. Cell projection, bleb. Note=Isoform 5 colocalizes with STX3 and STXBP1 isoform 2 at the plasma membrane and cell surface blebs.

Tissue Specificity:

Ubiquitous. Isoform 5 is expressed in pancreas.

Similarity:

Belongs to the CREC family.

Contains 6 EF-hand domains.

SWISS:

Q9BRK5

Gene ID:

51150

Important Note:

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

产品图片

