

胃肠道相关酪氨酸激酶抗体（蛋白酪氨酸激酶 5）

产品货号： mlR6382

英文名称： PTK5/FRK

中文名称： 胃肠道相关酪氨酸激酶抗体（蛋白酪氨酸激酶 5）

别名： Beta cell Src homology tyrosine kinase; BSK; BSK/IYK; C85044; Frk; Frk fyn related kinase; FRK_HUMAN; FYN related kinase; FYN-related kinase; GASK; Gastrointestinal associated kinase; Gastrointestinal associated tyrosine kinase; GTK; Intestine tyrosine kinase; Nuclear tyrosine protein kinase RAK; Protein-tyrosine kinase 5; PTK5; RAK; Tyrosine protein kinase FRK; Tyrosine-protein kinase FRK.

研究领域： 肿瘤 细胞生物 免疫学 细胞周期蛋白 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Pig, Cow, Horse, Rabbit,

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 : 58kDa

细胞定位 : 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human FRK/PTK5:331-430/505

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 : The protein encoded by this gene belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth. [provided by RefSeq, Jul 2008].

Function:

Non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor.

Subunit:

Interacts (via the SH3-domain) with PTEN. Interacts with RB1.

Subcellular Location:

Cytoplasm. Nucleus. Note=Predominantly found in the nucleus, with a small fraction found in the cell periphery.

Tissue Specificity:

Predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.

Similarity:

Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.

SWISS:

P42685

Gene ID:

2444

Important Note:

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