

D 酪氨酸激酶衰减蛋白 1 抗体

产品货号： mlR22005

英文名称： DOK1

中文名称： D 酪氨酸激酶衰减蛋白 1 抗体

别名： docking protein 1 (downstream of tyrosine kinase 1); Docking protein 1 (p62(dok)) (Downstream of tyrosine kinase 1) (pp62).; docking protein 1 62kD (downstream of tyrosine kinase 1); Docking protein 1 62kD; Docking protein 1 62kD; Docking protein 1; DOK 1; DOK1; DOK-1; DOK1_HUMAN; Downstream of tyrosine kinase 1; p62(dok); P62DOK; pp62; pp62.

研究领域： 肿瘤 心血管 信号转导 G 蛋白偶联受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, 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： 53kDa

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 DOK1:1-100/481

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 is part of a signal transduction pathway downstream of receptor tyrosine kinases. The encoded protein is a scaffold protein that helps form a platform for the assembly of multiprotein signaling complexes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]

Function:

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.

Subunit:

Interacts with ABL1. Interacts with RasGAP and INPP5D/SHIP1. Interacts directly with phosphorylated ITGB3.

Subcellular Location:

Isoform 1: Cytoplasm. Isoform 3: Cytoplasm, perinuclear region.

Tissue Specificity:

Expressed in pancreas, heart, leukocyte and spleen. Expressed in both resting and activated peripheral blood T-cells.

Post-translational modifications:

Constitutively tyrosine-phosphorylated. Phosphorylated by TEC. Phosphorylated by LYN.

Phosphorylated on tyrosine residues by the insulin receptor kinase. Results in the negative regulation of the insulin signaling pathway.

Isoform 3 contains a N-acetylmethionine at position 1.

Similarity:

Belongs to the DOK family. Type A subfamily.

Contains 1 IRS-type PTB domain.

Contains 1 PH domain.

SWISS:

Q99704

Gene ID:

1796

Important Note:

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

信号传导 (Signaling Intermediates)

产品图片

