D 酪氨酸激酶衰减蛋白 2 抗体

产品货号： mlR2746

英文名称： DOK2

中文名称： D 酪氨酸激酶衰减蛋白 2 抗体

别　　名： Docking protein 2 56kDa; Docking protein 2 antibody DOK 2; DOK R; Downstream of tyrosine kinase 2; p56(dok 2); p56dok 2; p56DOK; p56dok2; DOK2; DOK2_HUMAN; Downstream of tyrosine kinase 2; OTTHUMP00000161710; OTTHUMP00000224923; p56(dok 2); p56(dok-2).

研究领域： 肿瘤　细胞生物　信号转导　激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat, Dog, 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： 45kDa

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 mouse DOK 2:151-250/412

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 constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. This encoded protein binds p120 (RasGAP) from CML cells. [provided by RefSeq, Jul 2008]

Function:

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation.

Subunit:

Highly expressed in peripheral blood leukocytes, lymph nodes and spleen. Lower expression in thymus, bone marrow and fetal liver.

Tissue Specificity:

Highly expressed in spleen and lung.

Post-translational modifications:

On immunoreceptor stimulation, phosphorylated on C-terminal tyrosine residues. Phosphorylation on Tyr-345 is required for binding to the SH2 domain of NCK. Phosphorylation on both Tyr-271 and Tyr-299 is required for interaction with RASGAP.

Similarity:

Belongs to the DOK family. Type A subfamily.

Contains 1 IRS-type PTB domain.

Contains 1 PH domain.

SWISS:

O70469

Gene ID:

13449

Important Note:

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