

波形蛋白相互作用蛋白抗体

产品货号： mlR19049

英文名称： NCKIPSD

中文名称： 波形蛋白相互作用蛋白抗体

别名： 54 kDa VacA-interacting protein; 54 kDa vimentin-interacting protein; 90 kDa SH3 protein interacting with Nck; AF3p21; dia interacting protein; Dia-interacting protein 1; Diaphanous protein-interacting protein; DIP; DIP-1; DIP1; NCK interacting protein with SH3 domain; NCK-interacting protein with SH3 domain; Nckipsd; ORF1; SH3 adapter protein SPIN90; SH3 protein interacting with Nck 90 kDa; SPIN90; SPN90_HUMAN; VIP54; WASLBP; WASP-interacting SH3-domain protein; WISH; wiskott- Aldrich syndrome protein-interacting protein; Wiskott-Aldrich syndrome protein-interacting protein.

研究领域： 肿瘤 细胞生物 神经生物学 信号转导 细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Pig, Cow, 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： 78kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NCKIPSD:31-130/722

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 localized exclusively in the cell nucleus. It plays a role in signal transduction, and may function in the maintenance of sarcomeres and in the assembly of myofibrils into sarcomeres. It also plays an important role in stress fiber formation. The gene is involved in therapy-related leukemia by a chromosomal translocation t(3;11)(p21;q23) that involves this gene and the myeloid/lymphoid leukemia gene. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]

Function:

Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and cell adhesion.

Subunit:

Contains 1 SH3 domain.

Subcellular Location:

Nucleus. Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes.

Tissue Specificity:

Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen.

DISEASE:

Note=A chromosomal aberration involving NCKIPSD/AF3p21 is found in therapy-related leukemia. Translocation t(3;11)(p21;q23) with MLL.

Similarity:

Contains 1 SH3 domain.

SWISS:

Q9NZQ3

Gene ID:

606671

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

