

信号感应增殖相关蛋白 1 抗体

产品货号： mlR1602

英文名称： SPA-1

中文名称： 信号感应增殖相关蛋白 1 抗体

别名： GTPase activating protein Spa 1; GTPase-activating protein Spa-1; MGC102688; MGC17037; p130 SPA-1; p130 SPA1; Signal induced proliferation associated 1; Signal induced proliferation associated gene 1; Signal induced proliferation associated protein 1; signal-induced proliferation-associated gene 1; Signal-induced proliferation-associated protein 1; SIPA 1; Sipa-1; Sipa1; SIPA1_HUMAN; Spa1.

研究领域： 肿瘤 细胞生物 染色质和核信号 信号转导 干细胞 细胞凋亡 细胞周期蛋白 细胞表面分子 表观遗传学 G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse,

产品应用： 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： 112kDa

细胞定位： 细胞核 细胞浆 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human SPA-1:351-450/1042

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 product of this gene is a mitogen induced GTPase activating protein (GAP). It exhibits a specific GAP activity for Ras-related regulatory proteins Rap1 and Rap2, but not for Ran or other small GTPases. This protein may also hamper mitogen-induced cell cycle progression when abnormally or prematurely expressed. It is localized to the perinuclear region. Two alternatively spliced variants encoding the same isoform have been characterized to date.

Function:

GTPase activator for the nuclear Ras-related regulatory proteins Rap1 and Rap2 in vitro, converting it to the putatively inactive GDP-bound state.

Subcellular Location:

Nucleus. Cytoplasm, perinuclear region. Endomembrane system; Peripheral membrane protein. Note=Mostly localized in the perinuclear membraneous region.

Tissue Specificity:

Expressed in fetal as well as in adult tissues. Expressed abundantly in the lymphoid tissues such as thymus, spleen and peripheral blood lymphocytes and also shows a significant expression in the spinal cord.

Similarity:

Contains 1 PDZ (DHR) domain.

Contains 1 Rap-GAP domain.

SWISS:

Q96FS4

Gene ID:

6494

Important Note:

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

SPA 1 是重要的 Rap1GTP 酶激活蛋白.SPA-1 参与细胞的程序性死亡，在很多恶性肿瘤的发生、发展中起到一定的作用。