

线性泛素链相关蛋白 SHARPIN 抗体

产品货号： mlR9581

英文名称： SHARPIN

中文名称： 线性泛素链相关蛋白 SHARPIN 抗体

别 名： hSIPL1; Shank associated RH domain interacting protein; SHANK associated RH domain interactor; Shank interacting protein like 1; Shank-associated RH domain-interacting protein; Shank-interacting protein-like 1; Sharpin; SHRPN_HUMAN; SIPL1; DKFZp434N1923.

研究领域： 肿瘤 细胞生物 泛素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog,

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： 40kDa

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 SHARPIN:271-387/387

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 : SHARPIN is a 387 amino acid protein that localizes to the cytoplasm and contains one RanBP2-type zinc finger. Expressed at high levels in placenta and skeletal muscle and present at lower levels in colon, brain, heart, liver, kidney, lung, thymus and small intestine, SHARPIN interacts with Shank 1 and is thought to play a role in the control of inflammatory responses and in the overall development of the immune system. SHARPIN exists as three alternatively spliced isoforms and shares 73% sequence identity with its mouse counterpart, suggesting a conserved role between species. The gene encoding SHARPIN maps to human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies.

Function:

May have a role in normal immune development and control of inflammation.

Subunit:

Monomer and homodimer. Interacts with SHANK1, EYA1 and EYA2 (By similarity). Component of the LUBAC complex (linear ubiquitin chain assembly complex) which consists of SHARPIN, RBCK1 and RNF31. LUBAC has a MW of approximative 600 kDa suggesting a heteromultimeric assembly of its subunits. Associates with the TNF-R1 signaling complex (TNF-RSC) in a stimulation-dependent manner.

Subcellular Location:

Cytoplasm. Enriched at synaptic sites in mature neurons where it colocalizes with SHANK1.

Tissue Specificity:

Highly expressed in skeletal muscle and placenta and at lower levels in brain, heart, colon without mucosa, thymus, spleen, kidney, liver, small intestine, lung and peripheral blood leukocytes.

Similarity:

Contains 1 RanBP2-type zinc finger.

SWISS:

Q9H0F6

Gene ID:

81858

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

