SAPS 结构域家族 1 抗体

产品货号： mlR19388

英文名称： SAPS1

中文名称： SAPS 结构域家族 1 抗体

别　　名： PP6R1; Protein phosphatase 6, regulatory subunit 1; SAP190; SAPS domain family, member 1.

研究领域： 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, Rhesus monkey, Gorilla, Orangutan

产品应用： 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： 97kDa

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 SAPS1:31-130/881

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　： Protein phosphatase regulatory subunits, such as SAPS1, modulate the activity of protein phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS1 is a regulatory subunit for the protein phosphatase-6 catalytic subunit (PPP6C; MIM 612725) (Stefansson and Brautigan, 2006 [PubMed 16769727]).[supplied by OMIM, Nov 2010]

Function:

Regulatory subunit of protein phosphatase 6 (PP6). May function as a scaffolding PP6 subunit. Involved in the PP6-mediated dephosphorylation of NFKBIE opposing its degradation in response to TNF-alpha.

Subunit:

Protein phosphatase 6 (PP6) holoenzyme is proposed to be a heterotrimeric complex formed of the catalytic subunit, a SAPS domain-containing subunit (PP6R) and an ankyrin repeat-domain containing regulatory subunit (ARS). Interacts with PPP6C and NFKBIE. Interacts with ANKRD28, ANKRD44 and ANKRD52.

Subcellular Location:

Cytoplasm

Tissue Specificity:

Ubiquitous with higher expression in testis.

Similarity:

Belongs to the SAPS family.

SWISS:

Q9UPN7

Gene ID:

22870

Important Note:

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