

SCAPER 蛋白抗体

产品货号： mlR17269

英文名称： SCAPER

中文名称： SCAPER 蛋白抗体

别名： FLJ31533; FLJ31953; FLJ46212; KIAA1454; MSTP063; S phase cyclin A-associated protein in the endoplasmic reticulum; S phase cyclin A-associated protein in the ER; SCAPE_HUMAN; SCAPER; Zfp291; Zinc finger protein 291; ZNF291.

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, 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 : 158kDa

细胞定位 : 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human SCAPER:31-130/140

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： SCAPER is a 1,399 amino acid protein that contains a C2H2-type zinc finger, a putative transmembrane domain, an ER retrieval signal at the C terminus, four coiled-coil domains, six potential RXL motifs that might confer binding to cyclins and six consensus Cdk phosphorylation sites. SCAPER interacts with, and is phosphorylated in vitro by, the cyclin A/Cdk2 complex at multiple phases of the cell cycle, including S and G2/M. It has been suggested that SCAPER represents a novel cyclin A/Cdk2 regulatory protein that transiently maintains cyclin A in the cytoplasm. The SCAPER protein is predominantly located in the endoplasmic reticulum, with only a small portion detected in the nucleus. Widely expressed, SCAPER demonstrates highest expression in testis. Existing as two alternatively spliced isoforms, the SCAPER gene is conserved in chimpanzee, dog, mouse, rat, chicken and zebrafish, and maps to human chromosome 15q24.3.

Function:

CCNA2/CDK2 regulatory protein that transiently maintains CCNA2 in the cytoplasm.

Subcellular Location:

Endoplasmic reticulum. Nucleus. Predominantly located in the endoplasmic reticulum, only a small portion is detected in the nucleus.

Tissue Specificity:

Widely expressed with highest expression in testis.

Post-translational modifications:

Phosphorylated in vitro by the CCNA2/CDK2 complex.

Similarity:

Contains 1 C2H2-type zinc finger.

SWISS:

Q9BY12

Important Note:

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