Symplekin 蛋白抗体

产品货号： mlR12853

英文名称： Symplekin

中文名称： Symplekin 蛋白抗体

别　　名： FLJ27092; SPK; SYM; SYMPK.

研究领域： 细胞生物　信号转导　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, 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： 141kDa

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 Symplekin:601-700/1274

mlbio 酶联生物
Good elisakit producers

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： This gene encodes a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types. [provided by RefSeq, Jul 2008]

Function:

Symplekin (SYMPK) can associate with tight junctions, functions in the regulation of polyadenylation and promotes gene expression. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation.

Subunit:

Found in a heat-sensitive complex at least composed of several cleavage and polyadenylation specific and cleavage stimulation factors. Interacts with CPSF2, CPSF3 and CSTF2. Interacts with HSF1 in heat-stressed cells. Interacts with SSU72.

Subcellular Location:

Cytoplasm, cytoskeleton. Cell junction, tight junction; Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell junction; Cytoplasmic side. Nucleus, nucleoplasm. Note Cytoplasmic face of adhesion plaques (major) and nucleoplasm (minor) (in cells with TJ). Nucleoplasm (in cells without TJ). Nuclear bodies of heat-stressed cells.

Tissue Specificity:

In testis, expressed in polar epithelia and Sertoli cells but not in vascular endothelia. The protein is detected in stomach, duodenum, pancreas, liver, fetal brain, carcinomas, lens-forming cells, fibroblasts, lymphocytes, lymphoma cells, erythroleukemia cells but not in endothelium of vessels, epidermis, intercalated disks, Purkinje fiber cells of the heart and lymph node.

SWISS:

Q92797

Gene ID:

8189

Important Note:

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