丝氨酸苏氨酸蛋白激酶 SRPK7 抗体

产品货号： mlR11755

英文名称： SFRS7

中文名称： 丝氨酸/苏氨酸蛋白激酶 SRPK7 抗体

别　名： 9G8; SRp20; AAG3; HSSG1; RBM37; Splicing factor 9G8; Splicing factor, arginine/serine rich 7; ZCCHC20; ZCRB2; SRSF7_HUMAN.

研究领域： 细胞生物　神经生物学　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, Chicken, Cow, Zebrafish,

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： 27kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human SRp20:2-70/238

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： Pre-mRNA splicing enhancer elements are short RNA sequences capable of activating weak splice sites in nearby introns, and they are required for accurate splice site recognition and the control of alternative splicing (1). Splicing enhancer elements contain specific binding sites for serine/arginine (SR)-rich splicing factors, which include SC35, 9G8, SRp20, and SF2/ASF (2). The family of SR factors all contain one or more RNA recognition motifs (RRM) and an arginine/serine (RS)-rich domain, and they are essential for constitutive splicing and also regulate splicing in a concentration-dependent manner by influencing the selection of alternative splice sites (3,4). The majority of SR proteins, including SC35 and SRp40, are confined to the nucleus, while SF2/ASF, SRp20, and 9G8 are continuously shuttled between the nucleus and the cytoplasm and contribute to mRNA transport (5). The activity of SR proteins in regulated splicing is antagonized by members of the hnRNP A/B family of proteins, which induce drastic shifts in the selection of splicing-sites (6).

Function:

Splicing factor, arginine/serine rich 7 is required for pre mRNA splicing. Can also modulate alternative splicing in vitro.

Subunit:

Found in large molecular weight complexes containingCCNL1 and the p110 isoforms of either CDC2L1 or CDC2L2. Interactswith CCNL2 and CPSF6.

Subcellular Location:

Nuclear

Tissue Specificity:

Brain, liver, kidney and lung.

Post-translational modifications:

Extensively phosphorylated on serine residues in the RSdomain.

Similarity:

Belongs to the splicing factor SR family.

Contains 1 CCHC-type zinc finger.

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

Q16629

Gene ID:

6432

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