

选择性剪接因子 3 亚基 1 抗体

产品货号： mlR19676

英文名称： SF3A1

中文名称： 选择性剪接因子 3 亚基 1 抗体

别 名： Pre mRNA processing 21; Pre mRNA splicing factor SF3a; PRP21; PRPF21; SAP 114; SAP114; sf3a1; SF3A1_HUMAN; SF3A120; Spliceosome associated protein 114; Spliceosome-associated protein 114; Splicing factor 3 subunit 1; Splicing factor 3a subunit 1 120kDa; Splicing factor 3a subunit 1.

研究领域： 细胞生物 转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Zebrafish, 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： 89kDa

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 SF3A1:451-550/793

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 subunit of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer is a component of the mature U2 small nuclear ribonucleoprotein particle (snRNP). U2 small nuclear ribonucleoproteins play a critical role in spliceosome assembly and pre-mRNA splicing. [provided by RefSeq, Aug 2014]

Function:

Subunit of the splicing factor SF3A required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. May also be involved in the assembly of the 'E' complex.

Subunit:

Nucleus.

Tissue Specificity:

Ubiquitously expressed.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Contains 2 SURP motif repeats.

Contains 1 ubiquitin-like domain.

SWISS:

Q15459

Gene ID:

10291

Important Note:

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