

小核糖核蛋白 SNRPB 抗体

产品货号： mIR12660

英文名称： SNRPB

中文名称： 小核糖核蛋白 SNRPB 抗体

别 名： B polypeptide of Sm protein; COD; RSMB_HUMAN; Sm B/B'; Sm B/Sm B'; Sm B/SmB'; Sm protein B/B''; Sm-B/B''; Small nuclear ribonucleoprotein polypeptide B; Small nuclear ribonucleoprotein polypeptide B/B'; Small nuclear ribonucleoprotein polypeptides B and B'; Small nuclear ribonucleoprotein polypeptides B and B1; Small nuclear ribonucleoprotein-associated proteins B and B''; SmB; SmB/B''; SmB/Sm B'; SmB/SmB'; snRNP B; snRNP-B; snRNPB; SNRPB; SNRPB1.

研究领域： 细胞生物 免疫学 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： 24kDa

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 SNRPB:1-100/240

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 : The protein encoded by this gene is one of several nuclear proteins that are found in common among U1, U2, U4/U6, and U5 small ribonucleoprotein particles (snRNPs). These snRNPs are involved in pre-mRNA splicing, and the encoded protein may also play a role in pre-mRNA splicing or snRNP structure. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding different isoforms (B and B') have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Associated with snRNP U1, U2, U4/U6 and U5. May have a functional role in the pre-mRNA splicing or in snRNP structure. Binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner.

Subcellular Location:

Nucleus.

Post-translational modifications:

Methylated. Arg-108 and Arg-112 are dimethylated, probably to asymmetric dimethylarginine.

Similarity:

Belongs to the snRNP SmB/SmN family.

SWISS:

P14678

Gene ID:

6628

Important Note:

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