

SC35 Rabbit mAb

Catalog # AP76055

Product Information

Application WB, IHC-P, IP
Primary Accession
Reactivity Human, Rat
Rabbit

Clonality Monoclonal Antibody

Calculated MW 25476

Additional Information

Gene ID 6427

Other Names SRSF2

Dilution WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A

Format 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and

0.05% BSA.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

Protein Information

Name SRSF2

Synonyms SFRS2

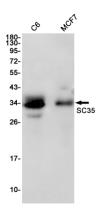
Function Necessary for the splicing of pre-mRNA. It is required for formation of the

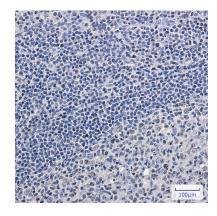
earliest ATP-dependent splicing complex and interacts with spliceosomal components bound to both the 5'- and 3'-splice sites during spliceosome assembly. It also is required for ATP-dependent interactions of both U1 and U2 snRNPs with pre-mRNA. Interacts with other spliceosomal components, via the RS domains, to form a bridge between the 5'- and 3'-splice site binding components, U1 snRNP and U2AF. Binds to purine-rich RNA sequences, either 5'-AGSAGAGTA-3' (S=C or G) or 5'-GTTCGAGTA-3'. Can bind to beta-globin mRNA and commit it to the splicing pathway. The phosphorylated form (by SRPK2) is required for cellular apoptosis in response to cisplatin treatment.

Cellular Location Nucleus. Nucleus, nucleoplasm. Nucleus speckle. Note=Phosphorylation by

SRPK2 provokes its redistribution from the nuclear speckle to nucleoplasm

Images





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.