

SRSF1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 28kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant Protein of human SRSF1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ASF; MGC5228; SF2; SF2p33; SRp30a;

Catalog #: A1649

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6426

Isotype: IgG

Swiss Prot: Q07955

Purity: Affinity purification

For research use only.

Background:

SF2/ASF is a member of the Ser-Arg-rich (SR) protein family of highly conserved nuclear phosphoproteins involved in pre-mRNA splicing (1). Besides its role in nuclear pre-mRNA splicing, SF2/ASF has been shown to shuttle between the nucleus and cytoplasm, suggesting additional roles in mRNA transport and cytoplasmic events (2). SF2/ASF associates with translating ribosomes and stimulates translation (3). It also activates translation initiation by suppressing the activity of 4E-BP1, which is mediated by SF2/ASF association with mTOR and the phosphatase PP2A (4). More recent studies have demonstrated a role for SF2/ASF in microRNA processing (5).

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