

## 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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