

SRp46 (E72) polyclonal antibody

Catalog: BS9165

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The family of SR factors all contain one or more RNA recognition motifs (RRM) and an arginine/serine (RS)-rich domain, are essential for constitutive splicing and also regulate splicing in a concentration-dependent manner by influencing the selection of alternative splice sites. The majority of SR proteins, including SC35 and SRp40, are confined to the nucleus, while SF2/ASF, SRp20, and 9G8 are continuously shuttled between the nucleus and the cytoplasm and contribute to mRNA transport. The activity of SR proteins in regulated splicing is antagonized by members of the hnRNP A/B family of proteins, which induce drastic shifts in the selection of splicing-sites. An additional SR-associated protein, p32, tightly associates with SR factors and preferentially inhibits ASF/SF2 functioning as both a splicing enhancer and splicing repressor protein by preventing the stable interaction of ASF/SF2 and the RNA.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 35 kDa

Swiss-Prot:

Q9BRL6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

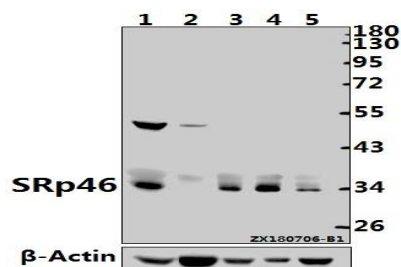
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

SRp46 (E72) polyclonal antibody detects endogenous levels of SRp46 protein.

DATA:



Western blot (WB) analysis of SRp46 (E72) pAb at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:The Embryo tissue lysate of Mouse(40ug)

Lane3:EC9706 whole cell lysate(20ug)

Lane4:HEK293T whole cell lysate(10ug)

Lane5:A549 whole cell lysate(20ug)

Immunohistochemistry (IHC) analyzes of SRp46 (E72) pAb in paraffin-embedded human colon cancer tissue.

Note:

For research use only, not for use in diagnostic procedure.

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