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Anti-SRSF3 / SRP20 Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18420

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	P84103
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19330
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	6428
Alias Symbol	SRSF3
Other Names	SRSF3, SRp20, Pre-mRNA-splicing factor SRP20, SFRS3
Target/Specificity	Recognizes endogenous levels of SRSF3 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-SRSF3 / SRP20 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SRSF3
Synonyms	SFRS3, SRP20
Function	Splicing factor, which binds the consensus motif 5'-C[ACU][AU]C[ACU][AC]C-3' within pre-mRNA and promotes specific exons inclusion during alternative splicing (PubMed:17036044, PubMed:26876937, PubMed:32440474). Interaction with YTHDC1, a RNA- binding protein that recognizes and binds N6-methyladenosine (m6A)- containing RNAs, promotes recruitment of SRSF3 to its mRNA-binding elements adjacent to m6A sites within exons (PubMed:26876937). Also functions as an adapter involved in mRNA nuclear export (PubMed:11336712, PubMed:18364396, PubMed:28984244). Binds mRNA which is thought to be transferred to the NXF1-NXT1 heterodimer for export (TAP/NXF1 pathway); enhances NXF1-NXT1 RNA-binding activity (PubMed:11336712, PubMed:18364396). Involved in nuclear export of m6A- containing mRNAs via interaction with YTHDC1: interaction with YTHDC1 facilitates m6A-containing mRNA-binding to both

	SRSF3 and NXF1, promoting mRNA nuclear export (PubMed:28984244).
Cellular Location	Nucleus. Nucleus speckle. Cytoplasm. Note=Recruited to nuclear speckles following interaction with YTHDC1.

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