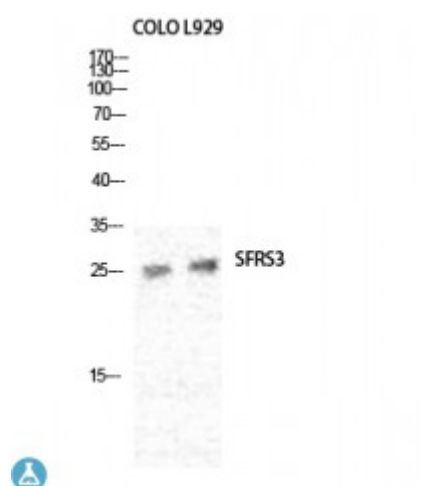


Anti-SRp20 antibody



Description	Rabbit polyclonal to SRp20.
Model	STJ95782
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human SRp20
Immunogen Region	80-160 aa, C-terminal
Gene ID	6428
Gene Symbol	SRSF3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	SRp20 Polyclonal Antibody detects endogenous levels of SRp20 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/arginine-rich splicing factor 3 Pre-mRNA-splicing factor SRP20 Splicing factor, arginine/serine-rich 3
Molecular Weight	25 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10785OMIM:603364
Alternative Names	Serine/arginine-rich splicing factor 3 Pre-mRNA-splicing factor SRP20 Splicing factor, arginine/serine-rich 3
Function	Splicing factor that specifically promotes exon-inclusion during alternative splicing . 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, leading to exon-inclusion during alternative splicing . Also functions as export adapter involved in mRNA nuclear export such as of histone H2A . Binds mRNA which is thought to be transferred to the NXF1-NXT1 heterodimer for export (TAP/NXF1 pathway); enhances NXF1-NXT1 RNA-binding activity . RNA-binding is semi-sequence specific .
Cellular Localization	Nucleus Nucleus speckle Cytoplasm. Recruited to nuclear speckles following interaction with YTHDC1.
Post-translational Modifications	Phosphorylated by CLK1, CLK2, CLK3 and CLK4. Extensively phosphorylated on serine residues in the RS domain.