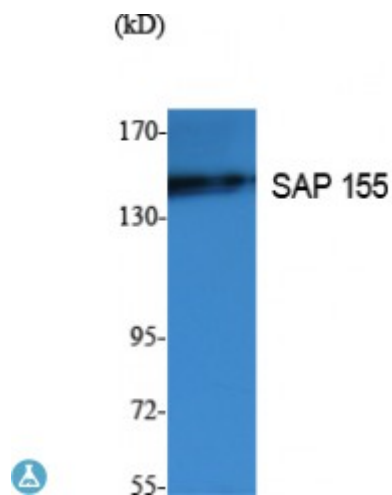


Anti-SAP 155 antibody



Description	Rabbit polyclonal to SAP 155.
Model	STJ96403
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human SAP 155.
Immunogen Region	N-terminal
Gene ID	23451
Gene Symbol	SF3B1
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	SAP 155 Polyclonal Antibody detects endogenous levels of SAP 155 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	Splicing factor 3B subunit 1 Pre-mRNA-splicing factor SF3b 155 kDa subunit SF3b155 Spliceosome-associated protein 155 SAP 155
Molecular Weight	145 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:10768 OMIM:605590
Alternative Names	Splicing factor 3B subunit 1 Pre-mRNA-splicing factor SF3b 155 kDa subunit SF3b155 Spliceosome-associated protein 155 SAP 155
Function	Subunit of the splicing factor SF3B required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. May also be involved in the assembly of the 'E' complex. Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron.
Cellular Localization	Nucleus speckle. During mitosis, transiently dispersed from the nuclear speckles to the cytoplasm.
Post-translational Modifications	Phosphorylated. Phosphorylation occurs concomitantly with the splicing catalytic steps. Phosphorylation on Thr-244, Thr-248 and Thr-313 by cyclin-dependent kinases promotes interaction with PPP1R8 during mitosis. Citrullinated by PADI4.

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