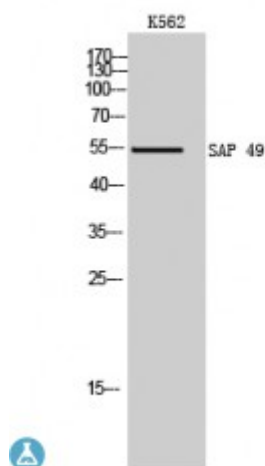


Anti-SAP 49 antibody



Description	Rabbit polyclonal to SAP 49.
Model	STJ95576
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human SAP 49
Immunogen Region	30-110 aa, Internal
Gene ID	10262
Gene Symbol	SF3B4
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	SAP 49 Polyclonal Antibody detects endogenous levels of SAP 49 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 4 Pre-mRNA-splicing factor SF3b 49 kDa subunit Spliceosome-associated protein 49 SAP 49
Molecular Weight	55 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:10771OMIM:154400
Alternative Names	Splicing factor 3B subunit 4 Pre-mRNA-splicing factor SF3b 49 kDa subunit Spliceosome-associated protein 49 SAP 49
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. SF3B4 has been found in complex 'B' and 'C' as well. 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

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