bs-19680R

[**Primary Antibody**]

SF3B3 Rabbit pAb

— DATASHEET

Host: Rabbit	**Isotype:** IgG	
Clonality: Polyclonal		
GeneID: 23450	**SWISS:** Q15393	
Target: SF3B3		

Immunogen: KLH conjugated synthetic peptide derived from human SF3B3: 1131-1217/1217.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes subunit 3 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair. [provided by RefSeq, Jul 2008]

Applications: IHC-P (1:100-500)
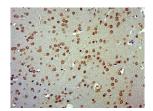IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse (predicted: Human, Rat)

Predicted MW.: 136 kDa

Subcellular Location: Cytoplasm ,Nucleus

— VALIDATION IMAGES

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37℃ for 30min; Antibody incubation with (SF3B3) Polyclonal Antibody, Unconjugated (bs-19680R) at 1:500 overnight at 4℃, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.