

## SF3B3 polyclonal antibody

Catalog: BS70723

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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 (TAF-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Molecular Weight:

~ 136 kDa

### Swiss-Prot:

Q15393

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

### Storage&Stability:

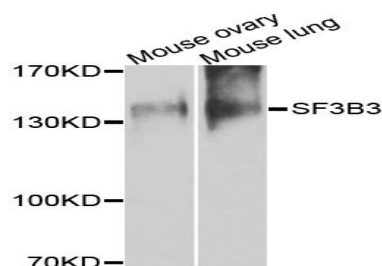
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

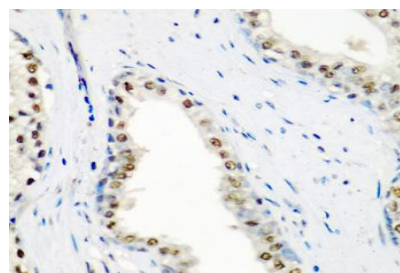
SF3B3 polyclonal antibody detects endogenous levels of

SF3B3 protein.

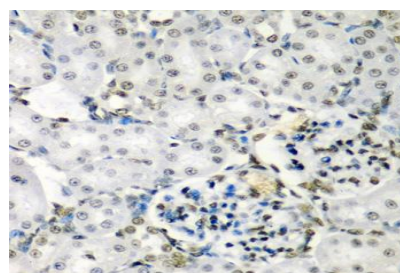
### DATA:



Western blot analysis of extracts of mouse tissues, using SF3B3 antibody.



Immunohistochemistry of paraffin-embedded rat brain using SF3B3 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded rat kidney using SF3B3 antibody at dilution of 1:200 (40x lens).

### Note:

For research use only, not for use in diagnostic procedure.

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