

## PRPF19 polyclonal antibody

Catalog: BS61565

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The spliceosome, the gigantic molecular machine that performs pre-mRNA splicing in eukaryotes, contains over 200 different proteins and 5 RNA molecules (U1, U2, U4, U5 and U6). Pre-mRNA splicing is essential to remove internal non-coding regions of pre-mRNA (introns) and to join the remaining segments (exons) into mRNA before translation. The PRP19-associated complex is required for stable association of U5 and U6 with the spliceosome after U4 is released. Changes within the spliceosome upon binding of the PRP19-associated complex include remodeling of the U6/5' splice site interaction and destabilization of Lsm proteins to allow further interaction of U6 with the intron sequence.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

Q9UMS4

### 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: 1:500~1:1000

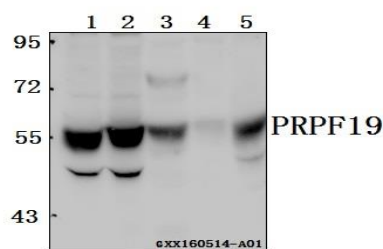
### Storage&Stability:

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

### Specificity:

PRPF19 polyclonal antibody detects endogenous levels of PRPF19 protein.

### DATA:



Western blot (WB) analysis of PRPF19 polyclonal antibody at 1:500 dilution

Lane1:PC3 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:The Kidney lysate of Rat(40ug)

Lane4:The Heart lysate of Mouse(40ug)

Lane5:The Liver lysate of Mouse(40ug)

### Note:

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

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