

PRPF8 polyclonal antibody

Catalog: BS91119

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

PRPF8, also designated pre-mRNA-processing-splicing factor 8, is a highly conserved nuclear protein and a central component of the catalytic core of the spliceosome, where it may be involved in various molecular rearrangements. PRPF8, which is widely expressed, plays a role in transesterification reactions that regulate spliceosome-induced pre-mRNA splicing. Specifically, PRPF8 interacts with the GU dinucleotide at the 5' splice site (5'SS) and forms a specific UV-inducible cross-link. It also interacts functionally with the 3'SS, affecting the efficiency of the second catalytic step. PRPF8 may play a role in the first transesterification step, as PRPF8 mutations that prohibit negative regulation of PRP28 or PRP44/Brr2 subsequently block U4 activation. In addition, PRPF8 interacts with a conserved region of U6 that is instrumental in the formation of the catalytic core of the spliceosome.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

274 kDa

Swiss-Prot:

Q6P2Q9(Human) Q99PV0(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

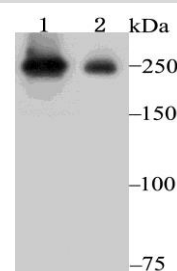
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

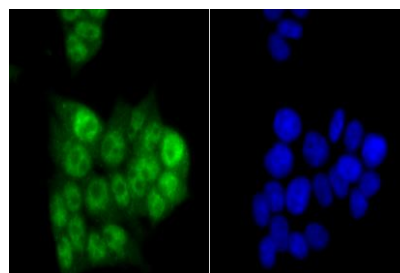
Specificity:

PRPF8 polyclonal antibody detects endogenous levels of PRPF8 protein.

DATA:



Western blot analysis of PRPF8 on SiHa (1) and A549 (2) cell lysate using anti-PRPF8 antibody at 1/1,000 dilution.



ICC staining PRPF8 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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