

Anti-PRPF3 Antibody

Catalog Number: A05255-1

About PRPF3

The pre-mRNA splicing occurs in spliceosomes, which consist of four ribonucleoprotein (snRNP) particles (U1, U2, U5 and U4/U6) and more than fifty proteins. This U4/U6-associated splicing factor, Hprp3p, is a 77 kDa protein, which is homologous to the *Saccharomyces cerevisiae* splicing factor Prp3p and may play a role in spliceosome assembly. Western blot analysis of HeLa cell nuclear extracts detected PRPF3 protein at an apparent molecular mass of about 90 kD (PMID: 9328476). The discrepancy between the molecular mass reported here and that predicted from the Hprp3p coding sequence can be attributed, at least partially, to the highly positive charge; its value of predicted isoelectric point is 7.99. This antibody is a rabbit polyclonal antibody raised against an internal region of human PRPF3. A predicted molecular mass of 77 kDa and the gene is named PRPF3 because it is homologous to the yeast PRPF3 gene. We noticed that although the predicted molecular mass of PRPF3 is 77 kDa, the protein produced in *E. coli* migrated like a 90 kDa protein in SDS-PAGE. (PMID: 9328476)

Overview

Product Name	Anti-PRPF3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PRPF3 Antibody catalog # A05255-1. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O43395

Technical Details

Immunogen	<i>E. coli</i> -derived human PRPF3 recombinant protein (Position: G231-Q491).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-400
ELISA, 1:100-1000

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Anti-PRPF3 Antibody

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