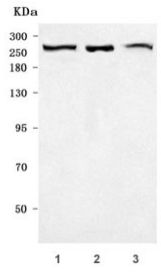
PRPF8 Antibody / Pre-mRNA-processing-splicing factor 8 (RQ8095)

Catalog No.	Formulation	Size
RQ8095	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6P2Q9
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This PRPF8 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human SH-SY5Y and 3) mouse NIH 3T3 cell lysate with PRPF8 antibody. Predicted molecular weight ~274 kDa.

Description

Pre-mRNA-processing-splicing factor 8 is a protein that in humans is encoded by the PRPF8 gene. Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is a component of both U2- and U12-dependent spliceosomes, and found to be essential for the catalytic step II in pre-mRNA splicing process. It contains several WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp8 protein. This gene is a candidate gene for autosomal dominant retinitis pigmentosa.

Application Notes

Optimal dilution of the PRPF8 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E433-H2166) was used as the immunogen for the PRPF8 antibody.

Storage

After reconstitution, the PRPF8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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