

PRPF3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant PRPF3.****Catalog # AT3442a****Specification**

PRPF3 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O43395
Other Accession	NM_004698
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	77529

PRPF3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9129**Other Names**

U4/U6 small nuclear ribonucleoprotein Prp3, Pre-mRNA-splicing factor 3, hPrp3, U4/U6 snRNP 90 kDa protein, PRPF3, HPRP3, PRP3

Target/Specificity

PRPF3 (NP_004689, 585 a.a. ~ 683 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

PRPF3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

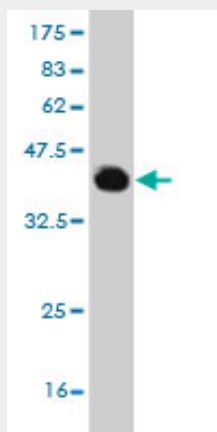
PRPF3 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

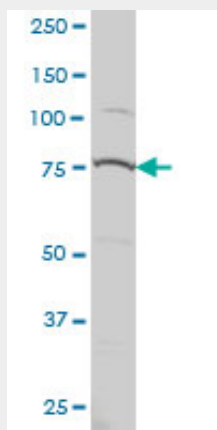
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

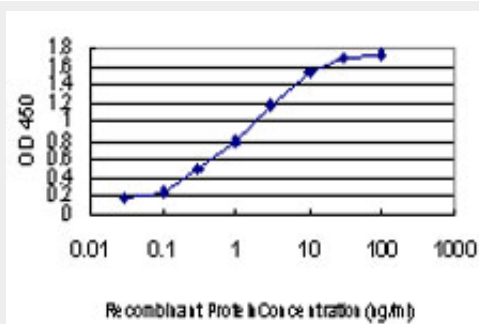
PRPF3 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



PRPF3 monoclonal antibody (M01), clone 3H6 Western Blot analysis of PRPF3 expression in HeLa S3 NE (Cat # AT3442a)



Detection limit for recombinant GST tagged PRPF3 is approximately 0.03ng/ml as a capture antibody.

PRPF3 Antibody (monoclonal) (M01) - Background

The removal of introns from nuclear pre-mRNAs occurs on complexes called spliceosomes, which are made up of 4 small nuclear ribonucleoprotein (snRNP) particles and an undefined number of transiently associated splicing factors. This gene product is one of several proteins that associate with U4 and U6 snRNPs. Mutations in this gene are associated with retinitis pigmentosa-18.

PRPF3 Antibody (monoclonal) (M01) - References

1. PRPF mutations are associated with generalized defects in spliceosome formation and pre-mRNA splicing in patients with retinitis pigmentosa. Tanackovic G, Ransijn A, Thibault P, Abou Elela S, Klinck R, Berson EL, Chabot B, Rivolta C. Hum Mol Genet. 2011 Mar 23. [Epub ahead of print]