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PRPF3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PRPF3.
Catalog # AT3442a

Product Information

Application	WB, E
Primary Accession	O43395
Other Accession	NM_004698
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	3H6
Calculated MW	77529

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 E~~N/A
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.

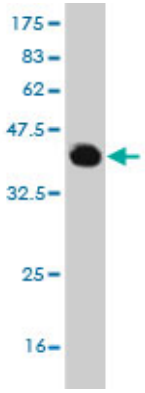
Background

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.

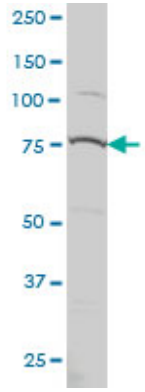
References

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,

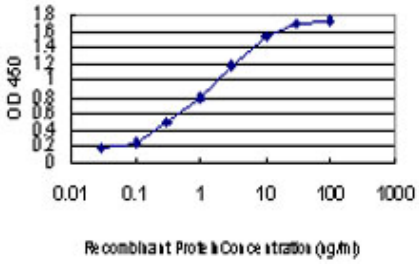
Images



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.