

ARG59786 anti-PRPF3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRPF3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRPF3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-280 of Human PRPF3 (NP_004689.1).
Conjugation	Un-conjugated
Alternate Names	Pre-mRNA-splicing factor 3; Prp3p; SNRNP90; U4/U6 small nuclear ribonucleoprotein Prp3; PRP3; hPrp3; U4/U6 snRNP 90 kDa protein; HPRP3; HPRP3P; RP18

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis and BT-474	
Observed Size	100 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

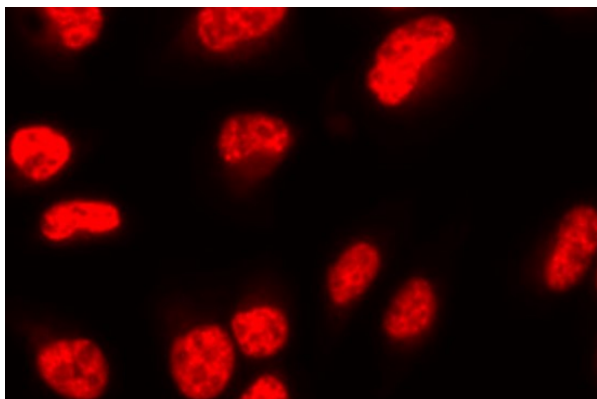
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

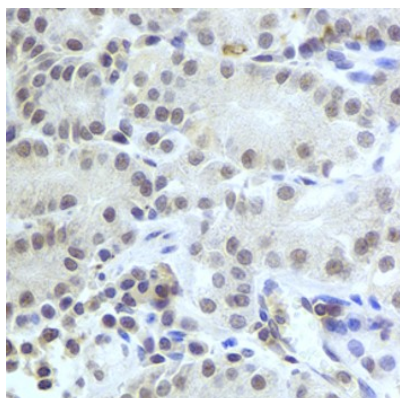
Gene Symbol	PRPF3
Gene Full Name	pre-mRNA processing factor 3
Background	The removal of introns from nuclear pre-mRNAs occurs on complexes called spliceosomes, which are made up of 4 small nuclear ribonucleoprotein (snRNP) particles and an undefined number of transiently associated splicing factors. 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. [provided by RefSeq, Jul 2008]
Function	Participates in pre-mRNA splicing. Part of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome. [UniProt]
Highlight	Related products: PRPF3 antibodies ; Anti-Rabbit IgG secondary antibodies ; Related news: Gene therapy for retinitis pigmentosa (RP)
Calculated Mw	78 kDa
PTM	Ubiquitinated. Undergoes 'Lys-63'-linked polyubiquitination by PRPF19 and deubiquitination by USP4. 'Lys-63'-linked ubiquitination increases the affinity for PRPF8 and may regulate the assembly of the U4/U6-U5 tri-snRNP complex. [UniProt]
Cellular Localization	Nucleus speckle. Note=Colocalizes with spliceosomal snRNPs. [UniProt]

Images



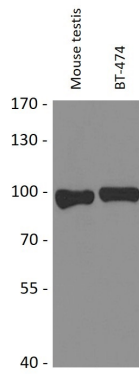
ARG59786 anti-PRPF3 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG59786 anti-PRPF3 antibody.



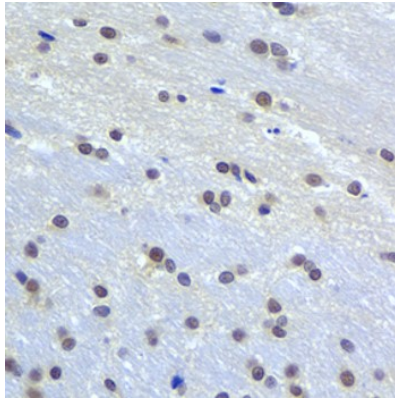
ARG59786 anti-PRPF3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG59786 anti-PRPF3 antibody at 1:100 dilution.



ARG59786 anti-PRPF3 antibody WB image

Western blot: 25 µg of Mouse testis and BT-474 cell lysates stained with ARG59786 anti-PRPF3 antibody at 1:1000 dilution.



ARG59786 anti-PRPF3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain stained with ARG59786 anti-PRPF3 antibody at 1:100 dilution.