

## ARG43973 anti-PRPF18 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PRPF18
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRPF18
Species	Human
Immunogen	Human PRPF18 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PRPF18; Pre-mRNA Processing Factor 18; HPrp18; Pre-mRNA-Splicing Factor 18; PRP18 Homolog; HPRP18; PRP18 Pre-mRNA Processing Factor 18 Homolog; PRP18

### Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg/1x10 <sup>6</sup>
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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 or below. 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.

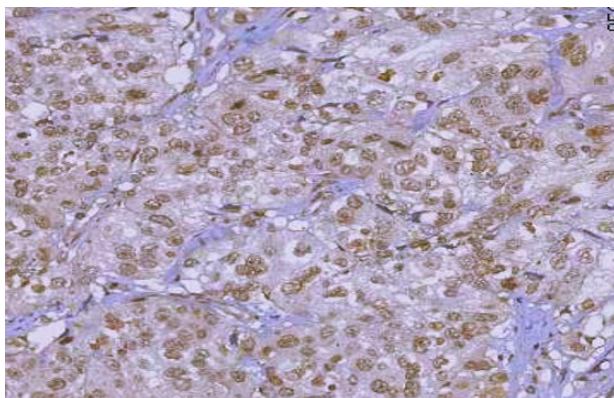
**Note**

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

## Bioinformation

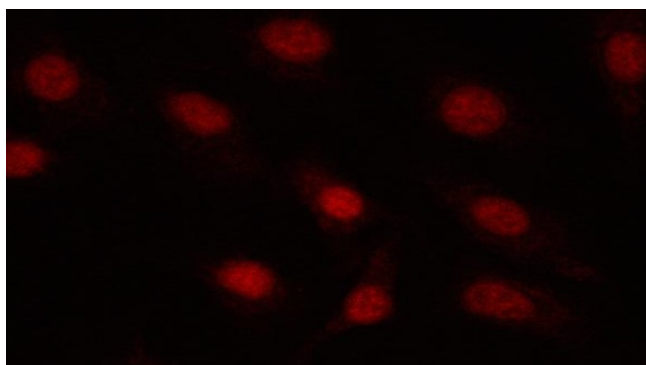
Gene Symbol	PRPF18
Gene Full Name	Pre-mRNA Processing Factor 18
Background	Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to the yeast splicing factor Prp18.
Function	Participates in the second step of pre-mRNA splicing.
Calculated Mw	40 kDa
PTM	Acetylation
Cellular Localization	Nucleus; Spliceosome

## Images



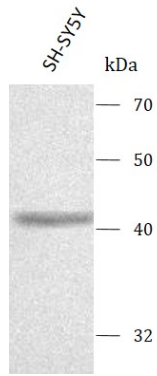
ARG43973 anti-PRPF18 antibody IHC-P image

Immunohistochemistry: Human urothelial carcinoma stained with ARG43973 anti-PRPF18 antibody at 2 µg/ml dilution.



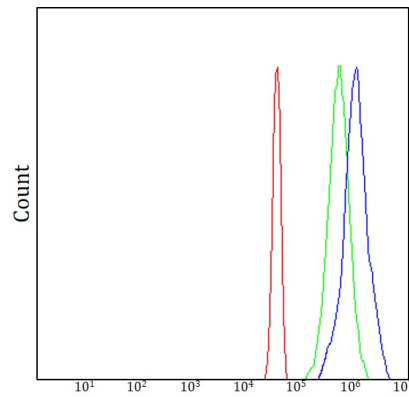
ARG43973 anti-PRPF18 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG43973 anti-PRPF18 antibody at 5 µg/ml dilution.



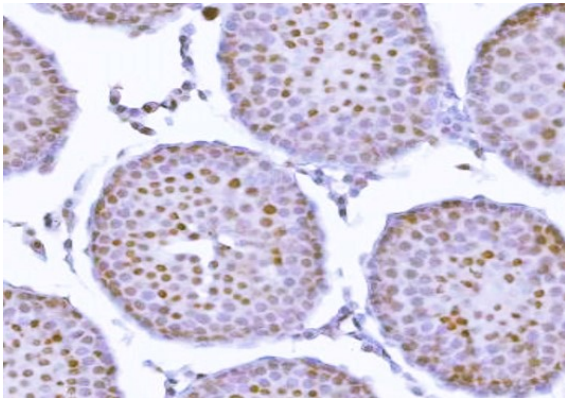
ARG43973 anti-PRPF18 antibody WB image

Western blot: SH-SY5Y stained with ARG43973 anti-PRPF18 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



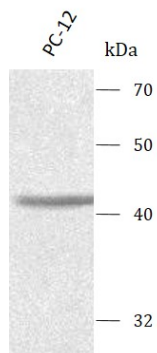
ARG43973 anti-PRPF18 antibody FACS image

Flow Cytometry: JK cells stained with ARG43973 anti-PRPF18 antibody (blue) at 1  $\mu\text{g}/1 \times 10^6$  cells dilution.



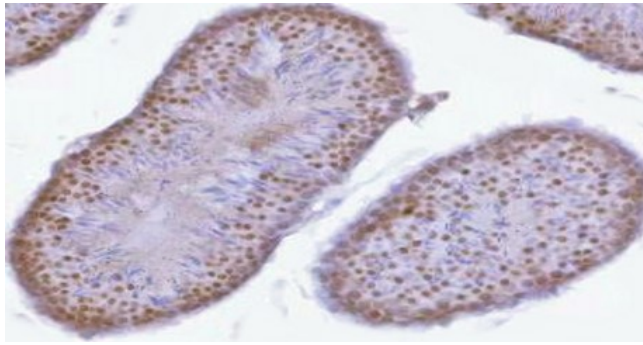
ARG43973 anti-PRPF18 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG43973 anti-PRPF18 antibody at 2  $\mu\text{g}/\text{ml}$  dilution.



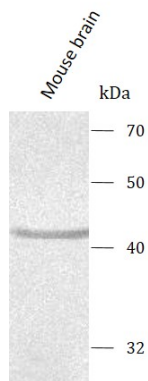
ARG43973 anti-PRPF18 antibody WB image

Western blot: PC-12 stained with ARG43973 anti-PRPF18 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



ARG43973 anti-PRPF18 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG43973 anti-PRPF18 antibody at 2  $\mu\text{g}/\text{ml}$  dilution.



ARG43973 anti-PRPF18 antibody WB image

Western blot: Mouse brain stained with ARG43973 anti-PRPF18 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.