

## ARG43974 anti-PRPF19 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PRPF19
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	PRPF19
Species	Human
Immunogen	Human PRPF19 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PRPF19; Pre-mRNA Processing Factor 19; NMP200; SNEV; UBOX4; HPSO4; PRP19; PSO4; Nuclear Matrix Protein NMP200 Related To Splicing Factor PRP19; RING-Type E3 Ubiquitin Transferase PRP19; Pre-mRNA-Processing Factor 19; Nuclear Matrix Protein 200; Senescence Evasion Factor; PRP19/PSO4 Homolog; Psoralen 4; PRP19/PSO4 Pre-mRNA Processing Factor 19 Homolog (S. Cerevisiae); PRP19/PSO4 Homolog (S. Cerevisiae); EC 2.3.2.27; HPso4

### 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
	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
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.

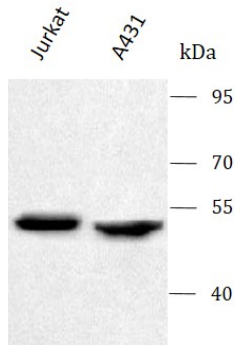
## Bioinformation

Gene Symbol	PRPF19
Gene Full Name	Pre-mRNA Processing Factor 1
Background	Enables identical protein binding activity and ubiquitin-ubiquitin ligase activity. Involved in several processes, including DNA damage checkpoint signaling; cellular protein metabolic process; and mRNA splicing, via spliceosome. Acts upstream of or within protein polyubiquitination. Located in cytoplasm; nuclear speck; and site of double-strand break. Part of Prp19 complex and U2-type catalytic step 2 spliceosome. Colocalizes with DNA replication factor A complex.
Function	Ubiquitin-protein ligase which is a core component of several complexes mainly involved pre-mRNA splicing and DNA repair. Required for pre-mRNA splicing as component of the spliceosome.
Calculated Mw	55 kDa
PTM	Acetylation
Cellular Localization	Cytoplasm, Cytoskeleton, Lipid droplet, Nucleus, Spliceosome

## Images

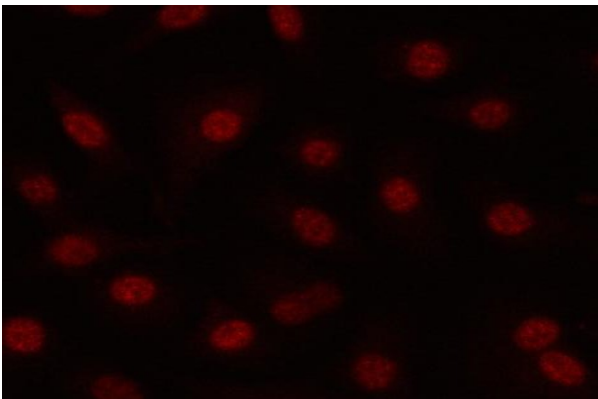
ARG43974 anti-PRPF19 antibody WB image

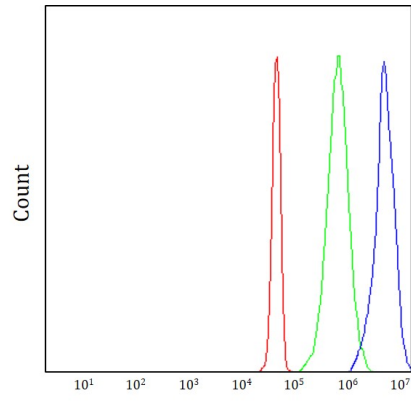
Western blot: Jurkat and A431 stained with ARG43974 anti-PRPF19 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



ARG43974 anti-PRPF19 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG43974 anti-PRPF19 antibody at 5  $\mu\text{g}/\text{ml}$  dilution.





### ARG43974 anti-PRPF19 antibody FACS image

Flow Cytometry: JK cells stained with ARG43974 anti-PRPF19 antibody (blue) at 1  $\mu\text{g}/1 \times 10^6$  cells dilution.