

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
Isotype	IgG
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 ⁶
	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
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ 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.

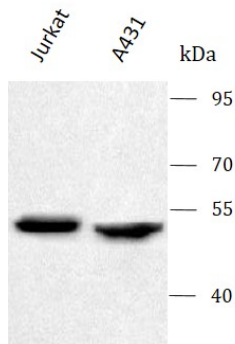
Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	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

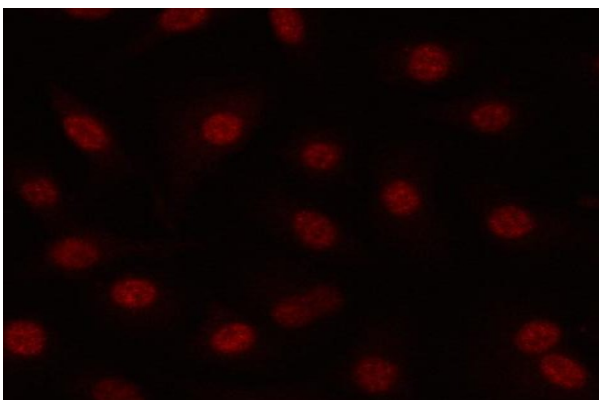
Images

ARG43974 anti-PRPF19 antibody WB image

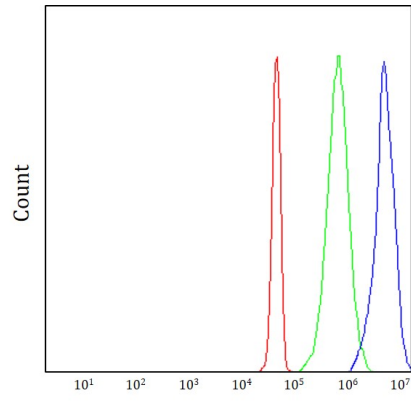


Western blot: Jurkat and A431 stained with ARG43974 anti-PRPF19 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.

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 µg/1x10⁶ cells dilution.