

ARG44197 anti-NAP1L1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NAP1L1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NAP1L1
Species	Human
Immunogen	A synthetic peptide of Human NAP1L1.
Conjugation	Un-conjugated
Alternate Names	NAP1L1; Nucleosome Assembly Protein 1 Like 1; NRP; Nucleosome Assembly Protein 1-Like 1; NAP1L; NAP1; NAP-1-Related Protein; MGC23410; MGC8688; HSP22-Like Protein Interacting Protein; HNRP

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶ cells
	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

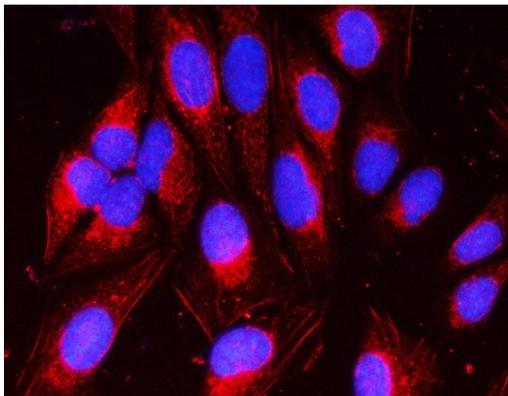
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term 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

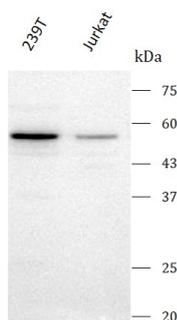
Gene Symbol	NAP1L1
Gene Full Name	Nucleosome Assembly Protein 1 Like 1
Background	This gene encodes a member of the nucleosome assembly protein (NAP) family. This protein participates in DNA replication and may play a role in modulating chromatin formation and contribute to the regulation of cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms; however, not all have been fully described.
Function	Histone chaperone that plays a role in the nuclear import of H2A-H2B and nucleosome assembly.
Calculated Mw	45 kDa
PTM	Acetylation, Lipoprotein, Methylation, Phosphoprotein, Prenylation
Cellular Localization	Cytoplasm, Nucleus

Images



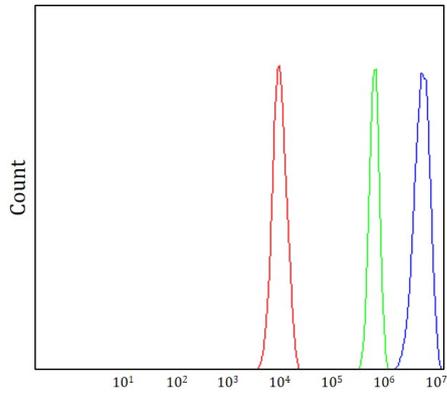
ARG44197 anti-NAP1L1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44197 anti-NAP1L1 antibody at 5 µg/mL dilution.



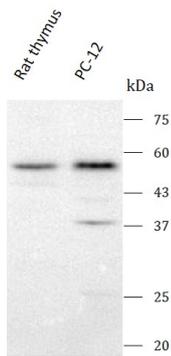
ARG44197 anti-NAP1L1 antibody WB image

Western blot: 293T and Jurkat stained with ARG44197 anti-NAP1L1 antibody at 0.5 µg/mL dilution.



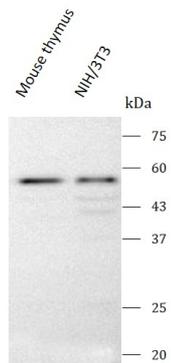
ARG44197 anti-NAP1L1 antibody FACS image

Flow Cytometry: PC-3 stained with ARG44197 anti-NAP1L1 antibody at 1 $\mu\text{g}/1 \times 10^6$ cells dilution.



ARG44197 anti-NAP1L1 antibody WB image

Western blot: Rat thymus and PC-12 stained with ARG44197 anti-NAP1L1 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44197 anti-NAP1L1 antibody WB image

Western blot: Mouse thymus and NIH/3T3 stained with ARG44197 anti-NAP1L1 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.