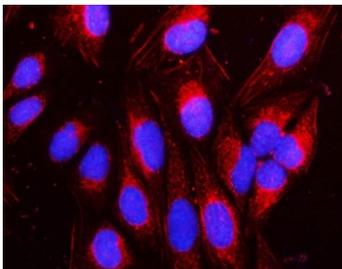


## NAP1L1 Antibody / Nucleosome assembly protein 1-like 1 (RQ8315)

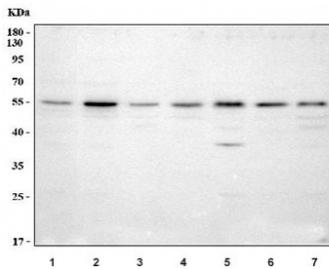
Catalog No.	Formulation	Size
RQ8315	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

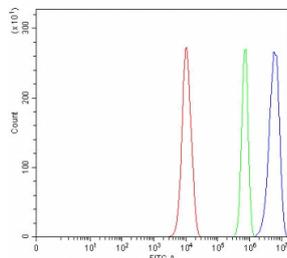
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P55209
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	This NAP1L1 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with NAP1L1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human 293T, 3) human Jurkat, 4) rat thymus, 5) rat PC-12, 6) mouse thymus and 7) mouse NIH 3T3 cell lysate with NAP1L1 antibody. Predicted molecular weight: 37-45 kDa (three isoforms).



Flow cytometry testing of fixed and permeabilized human PC-3 cells with NAP1L1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NAP1L1 antibody.

## Description

Nucleosome assembly protein 1-like 1 is a protein that in humans is encoded by the NAP1L1 gene. 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.

## Application Notes

Optimal dilution of the NAP1L1 antibody should be determined by the researcher.

## Immunogen

Amino acids CKLKARQLTVQMMQNPQILAALQE were used as the immunogen for the NAP1L1 antibody.

## Storage

After reconstitution, the NAP1L1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.