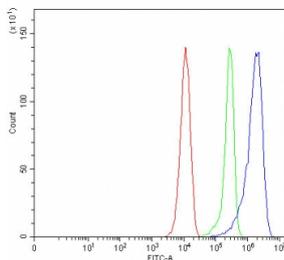


## SEPTIN1 Antibody / SEPT1 (RQ7246)

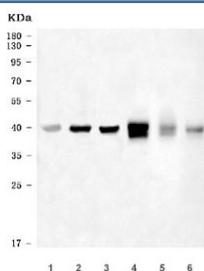
Catalog No.	Formulation	Size
RQ7246	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[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>	Q8WYJ6
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	This SEPTIN1 antibody is available for research use only.



Flow cytometry testing of mouse RAW264.7 cells with SEPTIN1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LARP antibody.



Western blot testing of 1) human Jurkat, 2) human MOLT4, 3) human Daudi, 4) rat thymus, 5) mouse thymus and 6) mouse EL-4 cell lysate with SEPTIN1 antibody. Predicted molecular weight ~42 kDa.

## Description

Septin-1, also called LARP, is a protein that in humans is encoded by the SEPTIN1 gene. This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimer's disease. Alternatively spliced transcript variants have been found but the full-length nature of these variants has not been determined.

## Application Notes

Optimal dilution of the SEPTIN1 antibody should be determined by the researcher.

## Immunogen

Amino acids RDRASRSKLSRQSATEIPLPML were used as the immunogen for the SEPTIN1 antibody.

## Storage

After reconstitution, the SEPTIN1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.