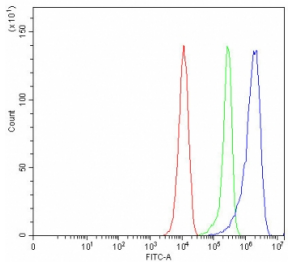
SEPTIN1 Antibody / SEPT1 (RQ7246)

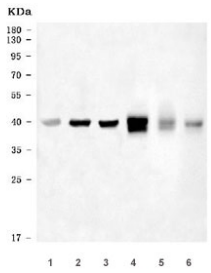
Catalog No.	Formulation	Size
RQ7246	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8WYJ6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells
Limitations	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.

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