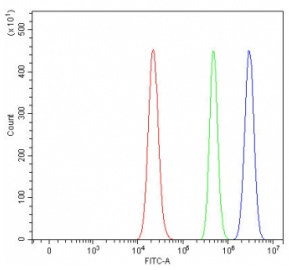
RPAIN Antibody / RPA-interacting protein (RQ7804)

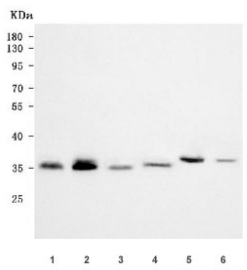
Catalog No.	Formulation	Size
RQ7804	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
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	Q86UA6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This RPAIN antibody is available for research use only.



Flow cytometry testing of human RT4 cells with RPAIN antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RPAIN antibody.



Western blot testing of 1) human A375, 2) human SH-SY5Y, 3) human Jurkat, 4) human MOLT4, 5) mouse ovary and 6) mouse testis tissue lysate with RPAIN antibody. Predicted molecular weight: 16-26 kDa (multiple isoforms), but can be observed at 30-40 kDa.

Description

RPA-interacting protein is a protein that in humans is encoded by the RPAIN gene. Predicted to enable metal ion binding activity. Acts upstream of or within several processes, including DNA metabolic process; protein import into nucleus; and response to UV. Located in PML body; cytoplasm; and fibrillar center.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids N70-D213) was used as the immunogen for the RPAIN antibody.

Storage

After reconstitution, the RPAIN 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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