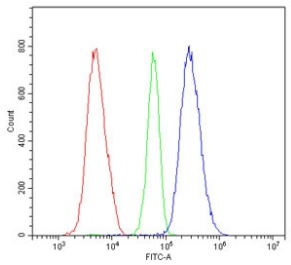
RIO Kinase 1 Antibody / RIOK1 / RIO1 (RQ5835)

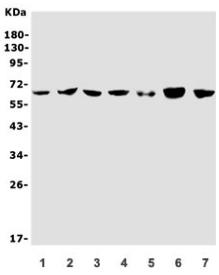
Catalog No.	Formulation	Size
RQ5835	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9BRS2
Applications	0.5-1ug/ml1-3ug/million cells0.1-0.5ug/ml
Limitations	This RIO Kinase 1 antibody is available for research use only.



Flow cytometry testing of human HL-60 cells with RIO Kinase 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RIO Kinase 1 antibody.



Western blot testing of 1) K562, 2) HEK293, 3) HepG2, 4) PC-3, 5) rat testis, 6) mouse testis and 7) mouse SP2/0 lysate with RIO Kinase 1 antibody. Predicted molecular weight ~65 kDa.

Description

Serine/threonine-protein kinase RIO1 is an enzyme that in humans is encode by the RIOK1 gene. The protein encoded by this gene competes with pICln for inclusion in the protein arginine methyltransferase 5 complex. This complex targets substrates for dimethylation. The encoded protein is essential for the last steps in the maturation of 40S subunits.

Application Notes

Optimal dilution of the RIO Kinase 1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-K222) was used as the immunogen for the RIO Kinase 1 antibody.

Storage

After reconstitution, the RIO Kinase 1 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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