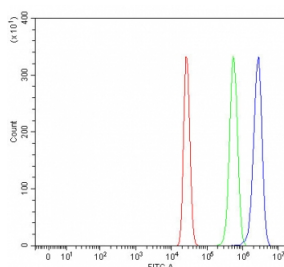


## RIOK3 Antibody / RIO kinase 3 / SUDD (RQ7769)

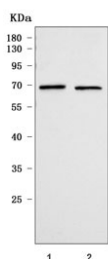
Catalog No.	Formulation	Size
RQ7769	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<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>	O14730
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This RIOK3 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with RIOK3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RIOK3 antibody.



Western blot testing of human 1) HeLa and 2) 293T cell lysate with RIOK3 antibody. Predicted molecular weight ~59 kDa, commonly observed at 59-65 kDa.

## Description

This gene was first identified by the similarity of its product to the *Aspergillus nidulans* SUDF protein. This gene is now recognized as a member of the right open reading frame (RIO) kinase gene family. This gene encodes a serine/threonine kinase that localizes to the cytoplasm and plays a role in the processing of the pre-40 S ribosomal subunit. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the RIOK3 antibody should be determined by the researcher.

## Immunogen

*E. coli*-derived recombinant human protein (amino acids Q48-E519) was used as the immunogen for the RIOK3 antibody.

## Storage

After reconstitution, the RIOK3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.