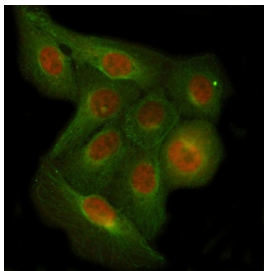


## C7orf47 Antibody / PPP1R35 (RQ8253)

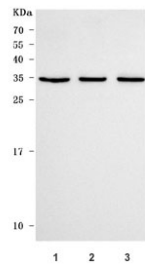
Catalog No.	Formulation	Size
RQ8253	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

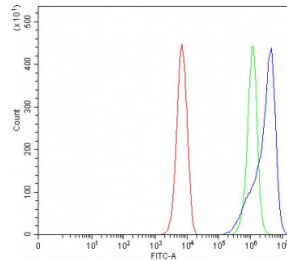
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q8TAP8
<b>Localization</b>	Cytoplasm, Nucleus
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This C7orf47 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with C7orf47 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) Jurkat, 2) SY-SY5Y and 3) K562 cell lysate with C7orf47 antibody. Predicted molecular weight ~28 kDa.



Flow cytometry testing of fixed and permeabilized human K562 cells with C7orf47 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= C7orf47 antibody.

## Description

PPP1R35 (Protein phosphatase 1 regulatory subunit 35), also called C7orf47, is a putative regulator of protein phosphatase-1. It is a centrosomal protein that regulates centriole elongation and centriole-to-centrosome conversion. Predicted to enable phosphatase binding activity and protein phosphatase inhibitor activity. Predicted to be involved in negative regulation of phosphatase activity.

## Application Notes

Optimal dilution of the C7orf47 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids E27-A253) was used as the immunogen for the C7orf47 antibody.

## Storage

After reconstitution, the C7orf47 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.