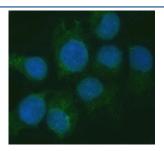


# RGS7 Antibody / Regulator of G-protein signaling 7 (RQ7350)

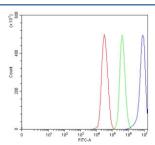
Catalog No.	Formulation	Size
RQ7350	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

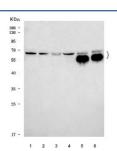
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P49802
Localization	Cytoplasm, cell membrane
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This RGS7 antibody is available for research use only.



Immunofluorescent staining of FFPE human SiHa cells with RGS7 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human 293T cells with RGS7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RGS7 antibody.



Western blot testing of 1) human U-87 MG, 2) human SH-SY5Y, 3) human SK-N-SH, 4) human U-251, 5) rat brain and 6) mouse brain tissue lysate with RGS7 antibody. Predicted molecular weight: 49-57 kDa (multiple isoforms).

### **Description**

Regulator of G-protein signaling 7 is a protein that in humans is encoded by the RGS7 gene. Enables G-protein betasubunit binding activity and GTPase activator activity. Involved in positive regulation of GTPase activity. Located in cytosol.

#### **Application Notes**

Optimal dilution of the RGS7 antibody should be determined by the researcher.

#### **Immunogen**

Recombinant human protein (amino acids M1-N483) was used as the immunogen for the RGS7 antibody.

#### **Storage**

After reconstitution, the RGS7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.