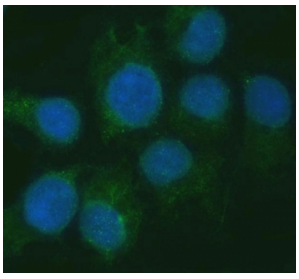
RGS7 Antibody / Regulator of G-protein signaling 7 (RQ7350)

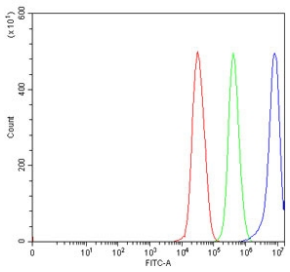
Catalog No.	Formulation	Size
RQ7350	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

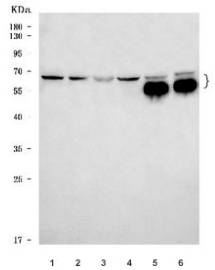
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P49802
Localization	Cytoplasm, cell membrane
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 beta-subunit 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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com