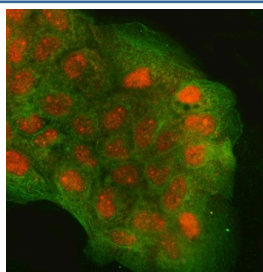


Regulator of G-protein signaling 9 Antibody / RGS9 (RQ7831)

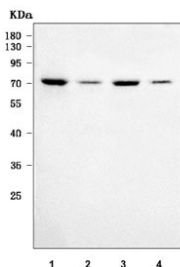
Catalog No.	Formulation	Size
RQ7831	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

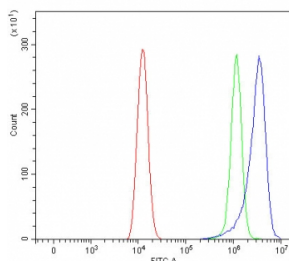
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75916
Localization	Nucleoplasm and Vesicles
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Regulator of G-protein signaling 9 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with Regulator of G-protein signaling 9 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) SH-SY5Y, 2) U-2 OS, 3) HEL and 4) Daudi cell lysate with Regulator of G-protein signaling 9 antibody. Predicted molecular weight: 50-77 kDa (multiple isoforms).



Flow cytometry testing of human HEL cells with Regulator of G-protein signaling 9 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Regulator of G-protein signaling 9 antibody.

Description

Regulator of G-protein signaling 9, also known as RGS9 is a human gene, which codes for a protein involved in regulation of signal transduction inside cells. This gene is mapped to 17q24.1. This gene encodes a member of the RGS family of GTPase activating proteins that function in various signaling pathways by accelerating the deactivation of G proteins. This protein is anchored to photoreceptor membranes in retinal cells and deactivates G proteins in the rod and cone phototransduction cascades. Mutations in this gene result in bradyopsia. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Regulator of G-protein signaling 9 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R13-D638) was used as the immunogen for the Regulator of G-protein signaling 9 antibody.

Storage

After reconstitution, the Regulator of G-protein signaling 9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.