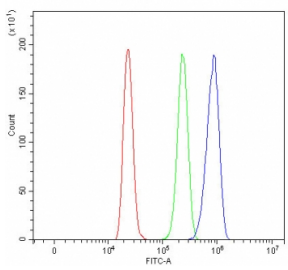
RASAL2 Antibody / NGAP (RQ7752)

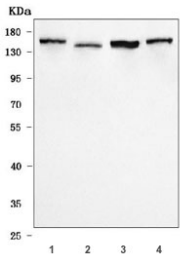
Catalog No.	Formulation	Size
RQ7752	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q9UJF2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This RASAL2 antibody is available for research use only.



Flow cytometry testing of human HL60 cells with RASAL2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RASAL2 antibody.



Western blot testing of 1) human HeLa, 2) human A431, 3) rat brain and 4) mouse brain tissue lysate with RASAL2 antibody. Predicted molecular weight ~129 kDa, commonly observed at 129-150 kDa.

Description

Ras GTPase-activating protein nGAP is an enzyme that in humans is encoded by the RASAL2 gene. This gene encodes a protein that contains the GAP-related domain (GRD), a characteristic domain of GTPase-activating proteins (GAPs). GAPs function as activators of Ras superfamily of small GTPases. The protein encoded by this gene is able to complement the defective RasGAP function in a yeast system. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Application Notes

Optimal dilution of the RASAL2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q624-R958) was used as the immunogen for the RASAL2 antibody.

Storage

After reconstitution, the RASAL2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.