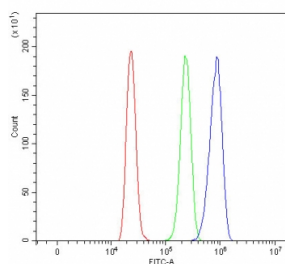


## RASAL2 Antibody / NGAP (RQ7752)

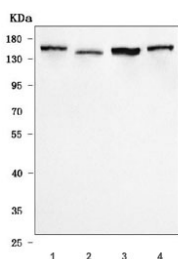
Catalog No.	Formulation	Size
RQ7752	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<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>	Q9UJF2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.