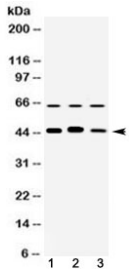
ARFGAP1 Antibody (R32624)

Catalog No.	Formulation	Size
R32624	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
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8N6T3
Applications	Western blot: 0.5-1ug/ml
Limitations	This ARFGAP1 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse brain and 3 human HeLa cell lysate with ARFGAP1 antibody at 0.5ug/ml. Predicted molecular weight ~45 kDa.

Description

ADP-ribosylation factor GTPase-activating protein 1 is an enzyme that in humans is encoded by the ARFGAP1 gene. And this gene is mapped to 20q13.33. The protein encoded by this gene is a GTPase-activating protein, which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinosides and inhibited by phosphatidylcholine. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the ARFGAP1 antibody should be determined by the researcher.

Immunogen

A human recombinant protein corresponding to amino acids M1-Y183 was used as the immunogen for the ARFGAP1 antibody.

Storage

After reconstitution, the ARFGAP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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