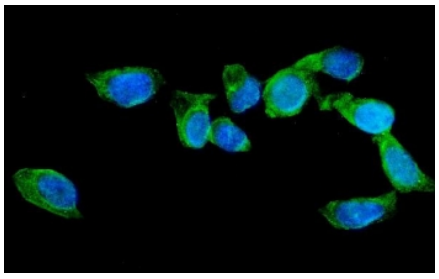
AGFG1 Antibody (R32132)

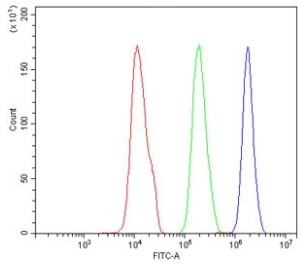
Catalog No.	Formulation	Size
R32132	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

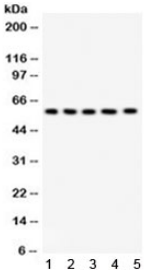
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P52594
Applications	Western blot: 0.1-0.5ug/ml Immunofluorescence (FFPE): 2-4ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This AGFG1 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with AGFG1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human SiHa cells with AGFG1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AGFG1 antibody.



Western blot testing of 1) rat testis, 2) rat liver, 3) human placenta, 4) MCF7 and 5) HeLa lysate with AGFG1 antibody. Expected/observed molecular weight ~58 kDa.

Description

Arf-GAP domain and FG repeats-containing protein 1 is aprotein that in humans is encoded by the AGFG1 gene. AGFG1 is located to 2q36.3. The protein encoded by this gene is related to nucleoporins, a class of proteins that mediate nucleocytoplasmic transport. The encoded protein binds the activation domain of the human immunodeficiency virus Rev protein when Rev is assembled onto its RNA target, and is required for the nuclear export of Rev-directed RNAs. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Application Notes

Optimal dilution of the AGFG1 antibody should be determined by the researcher.

Immunogen

Amino acids AKRKQEEKHLKMLRDMTGLPHNRK of human AGFG1 were used as the immunogen for the AGFG1 antibody.

Storage

After reconstitution, the AGFG1 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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