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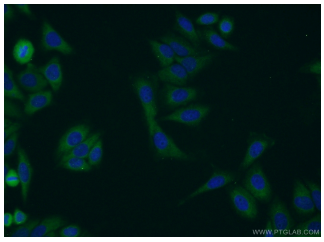
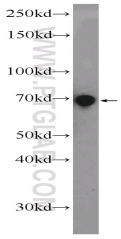
RHPN2 Polyclonal Antibody

Catalog number: 12671-1-AP
Size: 30 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
RHPN2; 76 kDa RhoB effector protein, GTP Rho binding protein 2, p76RBE, RhoBP, Rhophilin 2, RHPN2



Immunofluorescent analysis of HepG2 cells using 12671-1-AP(RHPN2 Antibody) at dilution of 1:50 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



COLO 320 cells were subjected to SDS PAGE followed by western blot with 12671-1-AP(RHPN2 Antibody) at dilution of 1:600

Background

RHPN2 binds specifically to GTP-Rho. It may function in a Rho pathway to limit stress fiber formation and/or increase the turnover of F-actin structures in the absence of high levels of RhoA activity. The MW of this protein is 77 kDa, and this antibody specially recognises the 77 kDa protein.

Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human,Mouse,Rat; other species not tested.
Caculated RHPN2 MW:	686aa,77 kDa
Observed RHPN2 MW:	77 kDa
Positive WB detected in	COLO 320 cells, HepG2 cells
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3353
GenBank accession number:	BC036447
Gene ID (NCBI):	85415
Full name:	Rhophilin, Rho GTPase binding protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.