

RAB4A Polyclonal Antibody

Catalog number: 10347-1-AP

Size: 30 µg/150 µl

Source: Rabbit

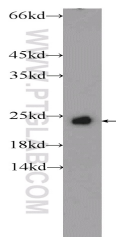
Isotype: IgG

Synonyms:

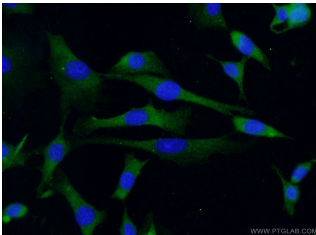
RAB4A; HRES 1/RAB4, RAB4,

RAB4A, Ras related protein

Rab 4A



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 10347-1-AP (RAB4A Antibody) at dilution of 1:300



Immunofluorescent analysis of (-20 Ethanol) fixed NIH/3T3 cells using 10347-1-AP (RAB4A Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

The human RAB genes share structural and biochemical properties with the Ras gene superfamily, and RAB4 (synonym: RAB4A) is a small GTPase belonging to this Ras superfamily. Accumulating data suggests an important role for RAB proteins either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from endoplasmic reticulum to the Golgi complex and to secretory vesicles involves the movement of carrier vesicles, a process that appears to involve RAB protein function. RAB4 may also function as regulator along the receptor recycling pathway.

Applications

Tested applications:	ELISA, WB, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated RAB4A MW:	24 kDa
Observed RAB4A MW:	26 kDa
Positive WB detected in	Fetal human brain tissue, HeLa cells, mouse brain tissue, rat brain tissue
Positive IF detected in	NIH/3T3 cells
Recommended dilution:	WB: 1:200-1:1000 IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag0357
GenBank accession number:	BC002438
Gene ID (NCBI):	5867
Full name:	RAB4A, member RAS oncogene family

Product information

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