

ARF3 Polyclonal Antibody

Catalog number: 10800-1-AP

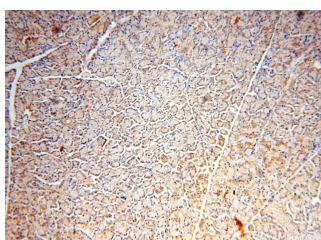
Size: 75 µg/150 µl

Source: Rabbit

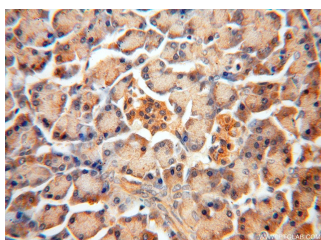
Isotype: IgG

Synonyms:

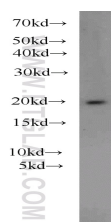
ARF3; ADP ribosylation factor 3, ARF3



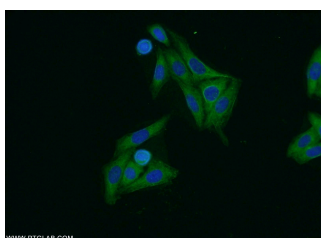
Immunohistochemical of paraffin-embedded human pancreas using 10800-1-AP(ARF3 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human pancreas using 10800-1-AP(ARF3 antibody) at dilution of 1:50 (under 40x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10800-1-AP(ARF3 antibody) at dilution of 1:1000



Immunofluorescent analysis of HepG2 cells using 10800-1-AP(ARF3 Antibody) at

Background

ADP-ribosylation factors (ARFs) are members of the ARF family of GTP-binding proteins of the Ras superfamily, with 20kda protein size. ARFs bind and regulate GTP/GDP cycle by alternating between the active GTP-bound and inactive GDP-bound conformations. ARF family proteins are essential and ubiquitous in eukaryotes. Six highly conserved members of the family have been identified in mammalian cells. They function in vesicular traffic and actin remodelling and other bioprocesses in cells. ARF3 is 95% homolouous to ARF1. Its function was not fully understood. (PMID: 7759471, PMID: 16042562). This antibody can bind ARFs for the close sequences.

Applications

Tested applications:	ELISA, IHC, IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated ARF3 MW:	21 kDa
Observed ARF3 MW:	18-20 kDa
Positive WB detected in	Mouse brain tissue, HeLa cells, HepG2 cells, human brain tissue, mouse cerebellum tissue, Raji cells, rat brain tissue
Positive IHC detected in	Human pancreas tissue, human pancreas cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1174
GenBank accession number:	BC017565
Gene ID (NCBI):	377
Full name:	ADP-ribosylation factor 3

Product information

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

dilution of 1:50 and Alexa
Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit
IgG(H+L)