

ARF1 Polyclonal Antibody

Catalog number: 10790-1-AP

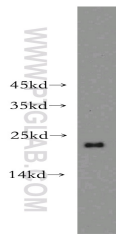
Size: 20 µg/150 µl

Source: Rabbit

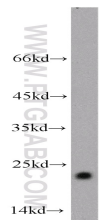
Isotype: IgG

Synonyms:

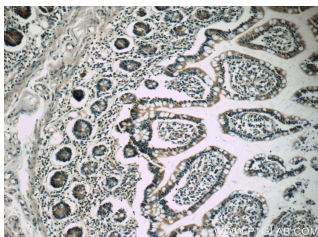
ARF1; ADP ribosylation factor 1, ARF1



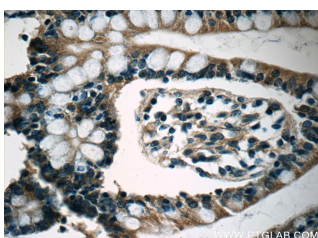
HeLa cells were subjected to SDS PAGE followed by western blot with 10790-1-AP (ARF1 antibody) at dilution of 1:500



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10790-1-AP (ARF1 antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded human small intestine tissue slide using 10790-1-AP (ARF1 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human small intestine tissue slide

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. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. It mainly functions in coat recruitment. (PMID: 7759471, PMID: 16042562). This antibody can bind ARFs for the close sequences.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat, Monkey; other species not tested.
Cited species:	Human
Calculated ARF1 MW:	21 kDa
Observed ARF1 MW:	21 kDa
Positive WB detected in	HeLa cells, COS-7 cells, HEK-293 cells, mouse brain tissue
Positive IHC detected in	Human small intestine tissue, human lung cancer tissue, human stomach cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1244
GenBank accession number:	BC009247
Gene ID (NCBI):	375
Full name:	ADP-ribosylation factor 1

Product information

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

using 10790-1-AP (ARF1
Antibody) at dilution of 1:50
(under 40x lens)