ARF1 antibody

Catalog No: #22693

Description

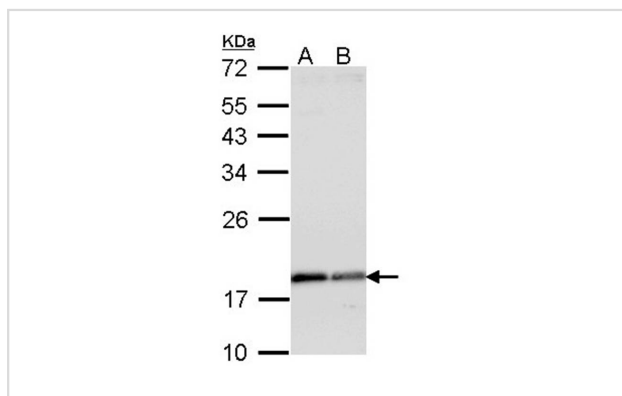|	
Product Name	ARF1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 142 of human ARF1
Target Name	ARF1
Accession No.	NCBI Gene ID: 375NCBI mRNA#: BC009247NCBI Protein#: AAH09247
Uniprot	P84077
GeneID	375;
Concentration	0.7mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 21kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

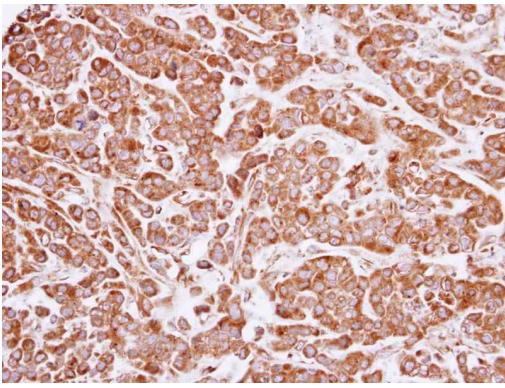Immunofluorescence: 1:100-1:200

Images

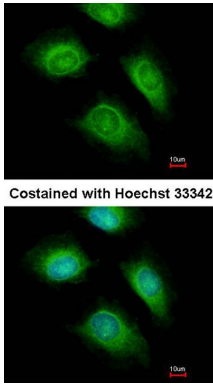Sample (30 ug of whole cell lysate)
A: A431
B: H1299
12% SDS PAGE
Primary antibody diluted at 1: 1000

Immunohistochemical analysis of paraffin-embedded MDA-MB468 xenograft, using ARF1 antibody at 1: 100 dilution.

Costained with Hoechst 33342

Immunofluorescence analysis of methanol-fixed HeLa, using ARF1 antibody at 1: 200 dilution.

Background

ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only