

ARL1 Polyclonal Antibody

Catalog No: #28887



Package Size: #28887-1 50ul #28887-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

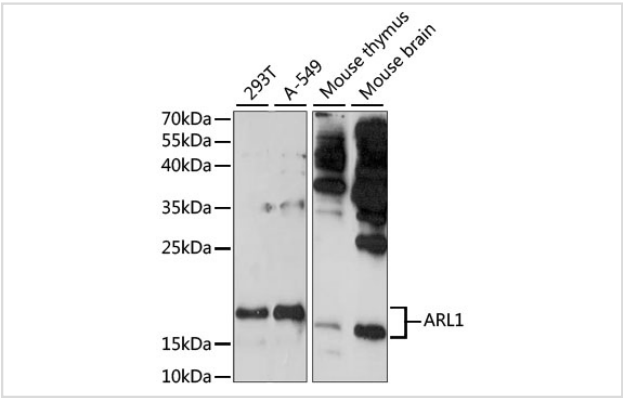
Description

Product Name	ARL1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human ARL1 (NP_001168.1).
Other Names	ARL1; ARFL1; ADP ribosylation factor like GTPase 1
Accession No.	Swiss-Prot#:P40616NCBI Gene ID:400
Uniprot	P40616
GeneID	400;
Calculated MW	20kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

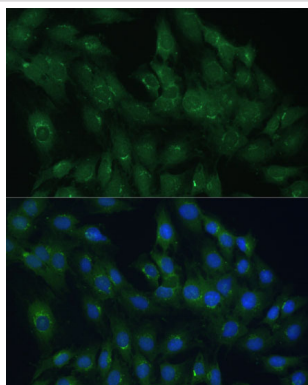
Application Details

WB 1:200 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

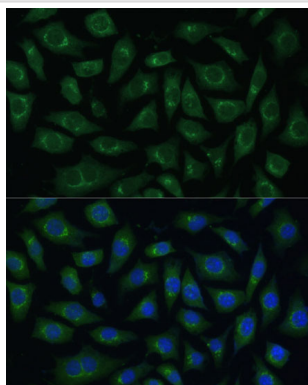
Images



Western blot analysis of extracts of various cell lines, using ARL1 at 1:1000 dilution.



Immunofluorescence analysis of C6 cells using ARL1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using ARL1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Background

The protein encoded by this gene belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. Alternative splicing results in multiple transcript variants encoding different isoforms.

Note: This product is for in vitro research use only