

For Research Use Only

# ARL4D Polyclonal antibody

Catalog Number: 15267-1-AP



## Basic Information

Catalog Number:

15267-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7369

GenBank Accession Number:

BC000043

GeneID (NCBI):

379

UNIPROT ID:

P49703

Full Name:

ADP-ribosylation factor-like 4D

Calculated MW:

22 kDa

Observed MW:

25-27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse retina tissue, Y79 cells, rat retina tissue

## Background Information

ARL4D (ADP-ribosylation factor-like protein 4D) is also named as ARF4L. ARL4D is a developmentally regulated member of the ADP-ribosylation factor/ARF-like protein (ARF/ARL) family of Ras-related GTPases. ARL4D interacts with the C-terminal pleckstrin homology (PH) and polybasic c domains of cytohesin-2/ARNO in a GTP-dependent manner. Localization of ARL4D at the plasma membrane is GTP- and N-terminal myristoylation-dependent. ARL4D(Q80L), a putative active form of ARL4D, induced accumulation of cytohesin-2/ARNO at the plasma membrane (PMID: 17804820).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

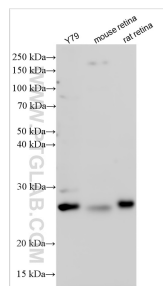
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15267-1-AP (ARL4D antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.