

For Research Use Only

# ARL2 Polyclonal antibody

Catalog Number: 10232-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

10232-1-AP

**Size:**

270 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0334

**GenBank Accession Number:**

BC002530

**GeneID (NCBI):**

402

**UNIPROT ID:**

P36404

**Full Name:**

ADP-ribosylation factor-like 2

**Calculated MW:**

21 kDa

**Observed MW:**

21-25 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : mouse liver tissue, HeLa cells, mouse lung tissue, mouse spleen tissue, Y79 cells

IHC : human ovary tumor tissue,

## Background Information

The ADP-ribosylation factor (ARF) genes are small GTP-binding proteins of the RAS superfamily. ADP-ribosylation factor-like 2 (ARL2) is a member of a functionally distinct group of ARF-like genes. ARL2 interacts with the tubulin-specific chaperone protein known as cofactor D. ARL2 downregulates the tubulin GAP activity of cofactor C, D, and E, and inhibits the binding of D to native tubulin.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chun-Xiang Zhou	32985032	J Cell Biochem	WB,IF
Hemangi Patil	25187515	J Biol Chem	WB
Chun-Xiang Zhou	28324667	Cell Cycle	WB

## 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

For technical support and original validation data for this product please contact:

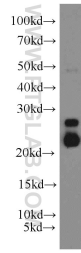
T: 4006900926

E: Proteintech-CN@ptglab.com

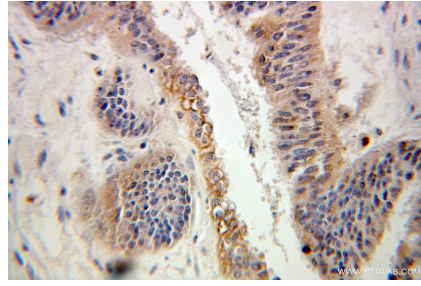
W: ptgcn.com

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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 10232-1-AP (ARL2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10232-1-AP (ARL2 antibody) at dilution of 1:100 (under 25x lens).