

For Research Use Only

# DRG1 Polyclonal antibody

Catalog Number: 13190-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

13190-1-AP

### Size:

600 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3866

### GenBank Accession Number:

BC020803

### GeneID (NCBI):

4733

### UNIPROT ID:

Q9Y295

### Full Name:

developmentally regulated GTP binding protein 1

### Calculated MW:

367 aa, 41 kDa

### Observed MW:

41 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:250-1:1000

IF 1:10-1:100

## Applications

### Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, rat

### Cited Species:

human

**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 : HepG2 cells, PC-12 cells, K-562 cells

IP : K-562 cells,

IHC : human thyroid cancer tissue, mouse kidney tissue, rat kidney tissue, rat skeletal muscle tissue, human colon cancer tissue, human placenta tissue

IF : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Suzana Markolovic	29915238	Nat Chem Biol	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:

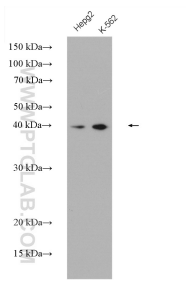
T: 4006900926

E: Proteintech-CN@ptglab.com

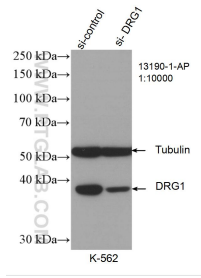
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

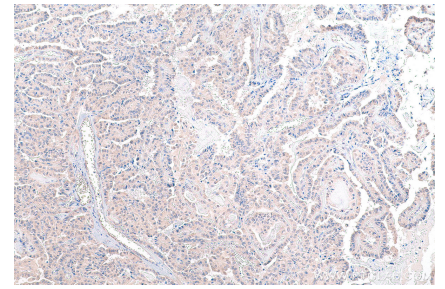
## Selected Validation Data



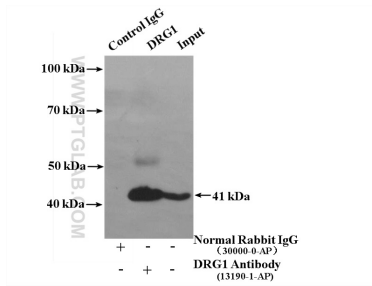
Various lysates were subjected to SDS PAGE followed by western blot with 13190-1-AP (DRG1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



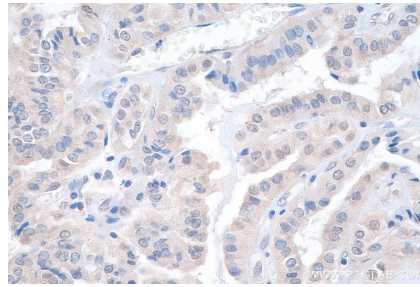
WB result of DRG1 antibody (13190-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DRG1 transfected K-562 cells.



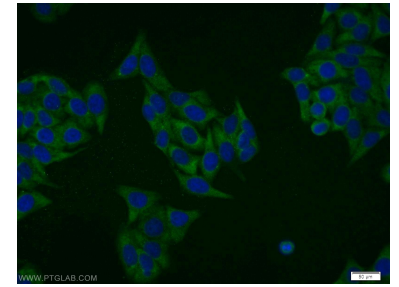
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 13190-1-AP (DRG1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DRG1 (IP:13190-1-AP, 4ug; Detection:13190-1-AP 1:600) with K-562 cells lysate 4400 ug.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 13190-1-AP (DRG1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 13190-1-AP (DRG1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).