

For Research Use Only

# RND2 Polyclonal antibody

Catalog Number: 13844-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

13844-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4807

### GenBank Accession Number:

BC018096

### GeneID (NCBI):

8153

### UNIPROT ID:

P52198

### Full Name:

Rho family GTPase 2

### Calculated MW:

227 aa, 25 kDa

### Observed MW:

27 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB : mouse uterus tissue, PC-3 cells

IP : PC-3 cells,

IHC : rat brain tissue,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Thomas Kerloch	34561615	Mol Psychiatry	WB,IHC
Yang Xu	32867814	J Exp Clin Cancer Res	WB,IHC,IF
Yuki Miyamoto	33596091	Mol Biol Cell	WB,IF

## 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**

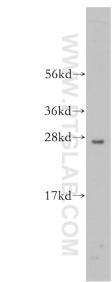
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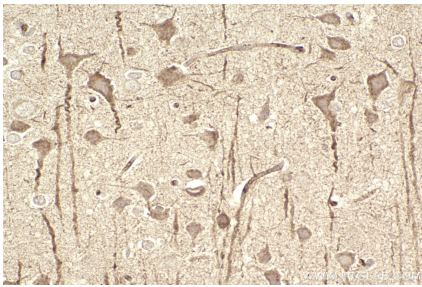
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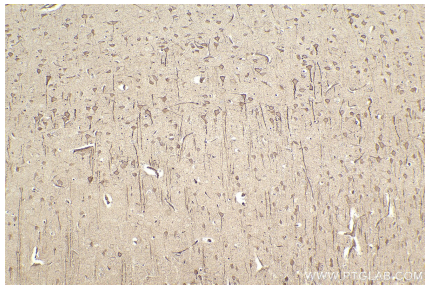
Selected Validation Data



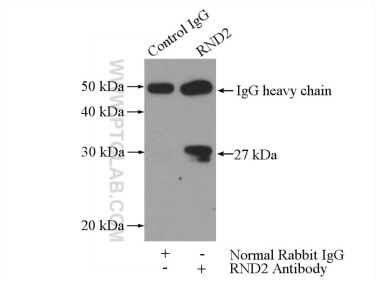
mouse uterus tissue were subjected to SDS PAGE followed by western blot with 13844-1-AP (RND2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 13844-1-AP (RND2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 13844-1-AP (RND2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-RND2 (IP:13844-1-AP, 3ug; Detection:13844-1-AP 1:300) with PC-3 cells lysate 1040ug.