

For Research Use Only

# PDE12 Polyclonal antibody

Catalog Number: 12753-1-AP

1 Publications



## Basic Information

### Catalog Number:

12753-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3217

### GenBank Accession Number:

BC034978

### GeneID (NCBI):

201626

### UNIPROT ID:

Q6L8Q7

### Full Name:

phosphodiesterase 12

### Calculated MW:

472 aa, 52 kDa

### Observed MW:

65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3200

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

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IF/ICC, FC (Intra), IP, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : human brain tissue, THP-1 cells

IP : mouse brain tissue,

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Qihui Wei	38325798	Eur J Pharmacol	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

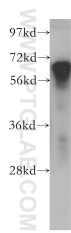
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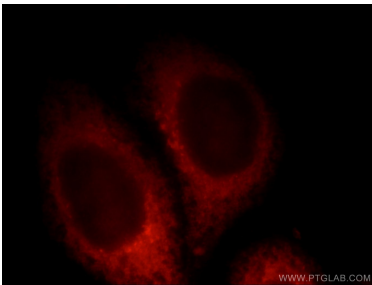
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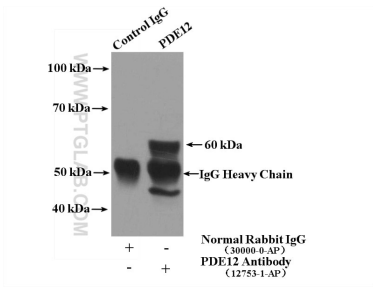
Selected Validation Data



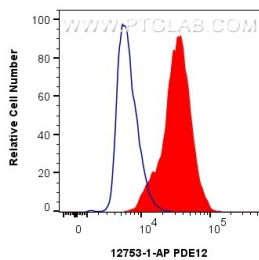
human brain tissue were subjected to SDS PAGE followed by western blot with 12753-1-AP (PDE12 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using PDE12 antibody 12753-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-PDE12 (IP:12753-1-AP, 4ug; Detection:12753-1-AP 1:500) with mouse brain tissue lysate 4000ug.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug PDE12 Polyclonal antibody (12753-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).