

For Research Use Only

# PDE12 Polyclonal antibody

Catalog Number: 12753-1-AP



## Basic Information

**Catalog Number:**  
12753-1-AP

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

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG3217

**GenBank Accession Number:**  
BC034978

**GeneID (NCBI):**  
201626

**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 IP and 1:500-1:1000 for WB  
IF 1:10-1:100

## Applications

**Tested Applications:**  
IF, IP, WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Positive Controls:**

**WB :** human brain tissue, THP-1 cells, HEK-293 cells

**IP :** mouse brain tissue,

**IF :** HepG2 cells,

## Background Information

### 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

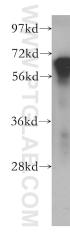
For technical support and original validation data for this product please contact:

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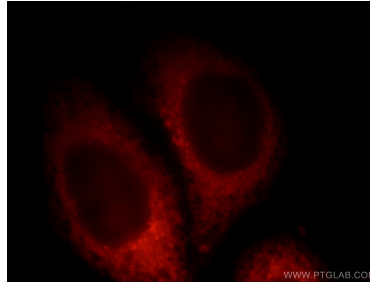
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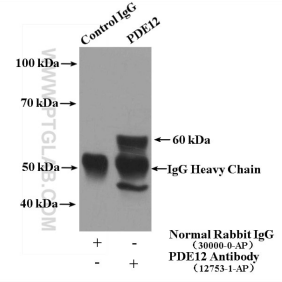
## Selected Validation Data



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.