

For Research Use Only

# PDE4A Polyclonal antibody

Catalog Number: 16226-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

16226-1-AP

### Size:

1000 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8018

### GenBank Accession Number:

BC019864

### GeneID (NCBI):

5141

### UNIPROT ID:

P27815

### Full Name:

phosphodiesterase 4A, cAMP-specific  
(phosphodiesterase E2 duncce  
homolog, Drosophila)

### Calculated MW:

98 kDa

### Observed MW:

125-130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

**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 : human brain tissue, HeLa cells

IP : mouse brain tissue,

IHC : human placenta tissue,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Peter H Schafer	31598889	Drugs R D	IHC
Menbere Wendimu	33705894	Cell Signal	WB
Thays Maria da Conceição Silva Carvalho	33807511	Int J Mol Sci	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:

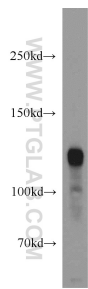
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

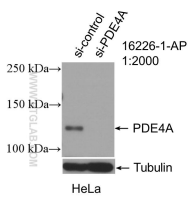
W: [ptgcn.com](http://ptgcn.com)

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Group brand and is not available to purchase from any  
other manufacturer.**

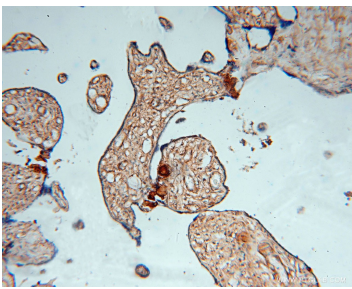
Selected Validation Data



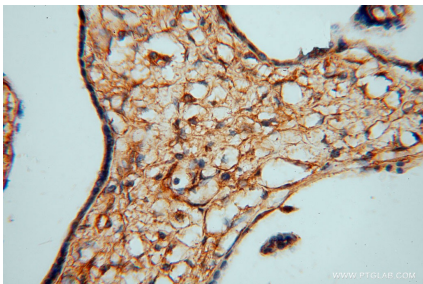
human brain tissue were subjected to SDS PAGE followed by western blot with 16226-1-AP (PDE4A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



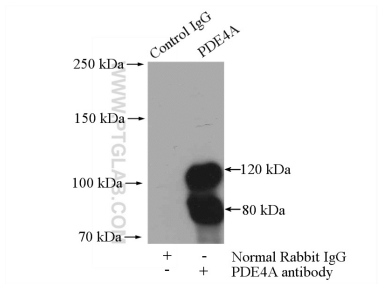
WB result of PDE4A antibody (16226-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-PDE4A transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human placenta using 16226-1-AP (PDE4A antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 16226-1-AP (PDE4A antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-PDE4A (IP:16226-1-AP, 4ug; Detection:16226-1-AP 1:300) with mouse brain tissue lysate 4000ug.