

For Research Use Only

# PDE10A Polyclonal antibody

Catalog Number: 18078-1-AP **4 Publications**



## Basic Information

**Catalog Number:**

18078-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12771

**GenBank Accession Number:**

BC104860

**GeneID (NCBI):**

10846

**UNIPROT ID:**

Q9Y233

**Full Name:**

phosphodiesterase 10A

**Calculated MW:**

779 aa, 88 kDa

**Observed MW:**

89 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:500-1:2000

IF 1:200-1:800

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse

**Cited Species:**

bovine, 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:**

IP: mouse brain tissue,

IHC: mouse brain tissue,

IF: HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Masafumi Shimojo	34636430	EMBO J	WB
A Bergeron	27860455	Andrology	WB,IF
Chaoyang Liu	36563597	Environ Int	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:

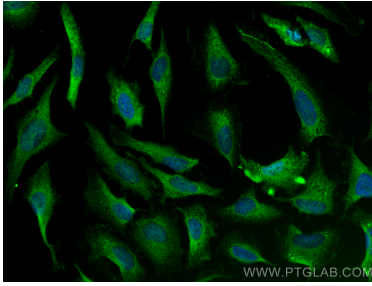
T: 4006900926

E: Proteintech-CN@ptglab.com

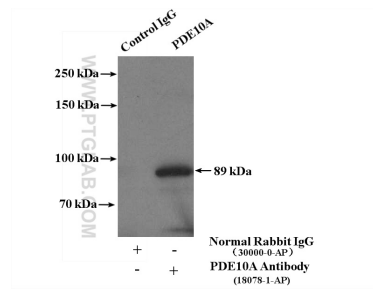
W: ptgcn.com

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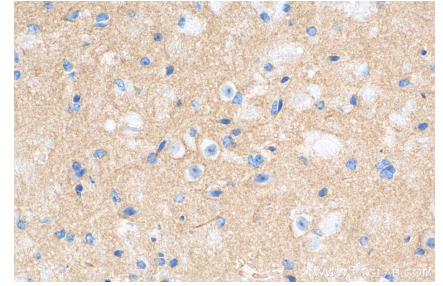
## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PDE10A antibody (18078-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-PDE10A (IP:18078-1-AP, 4ug; Detection:18078-1-AP 1:300) with mouse brain tissue lysate 5200ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18078-1-AP (PDE10A antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).