

For Research Use Only

PDE10A Polyclonal antibody

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



Basic Information

Catalog Number: 18078-1-AP	GenBank Accession Number: BC104860	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10846	Recommended Dilutions: IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: phosphodiesterase 10A	IHC 1:500-1:2000
Isotype: IgG	Calculated MW: 779 aa, 88 kDa	IF 1:200-1:800
Immunogen Catalog Number: AG12771	Observed MW: 89 kDa	

Applications

Tested Applications: IF, IHC, IP, ELISA	Positive Controls: IP: mouse brain tissue,
Cited Applications: IF, WB	IHC: mouse brain tissue,
Species Specificity: mouse, human	IF: HeLa cells,
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

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

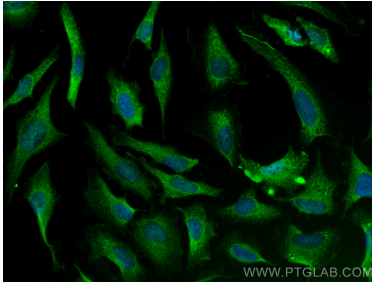
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

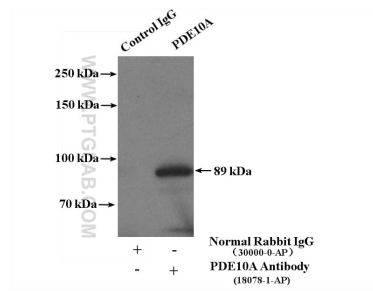
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

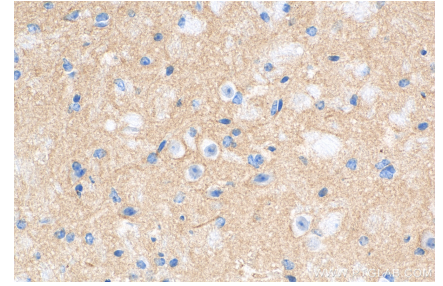
Selected Validation Data



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).