

For Research Use Only

GSK3B Polyclonal antibody

Catalog Number: 24198-1-AP **4 Publications**



Basic Information

Catalog Number:

24198-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21438

GenBank Accession Number:

BC000251

GeneID (NCBI):

2932

UNIPROT ID:

P49841

Full Name:

glycogen synthase kinase 3 beta

Calculated MW:

433 aa, 48 kDa

Observed MW:

46 kDa

Purification Method:

Antigen Affinity purified

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

IF 1:10-1:100

Applications

Tested Applications:

FC, IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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 : mouse brain tissue, HeLa cells, PC-12 cells

IP : mouse brain tissue,

IHC : human testis tissue,

IF : Ethacrynic acid treated HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Dong Ma	33330653	Front Cardiovasc Med	WB
Xueyun Chen	30949496	Biomed Res Int	
Yumei Cai	30212944	Medicine (Baltimore)	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:

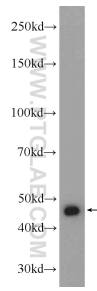
T: 4006900926

E: Proteintech-CN@ptglab.com

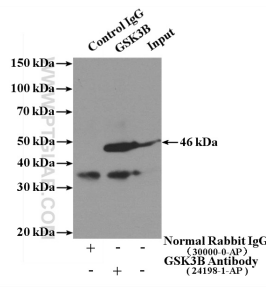
W: ptgcn.com

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

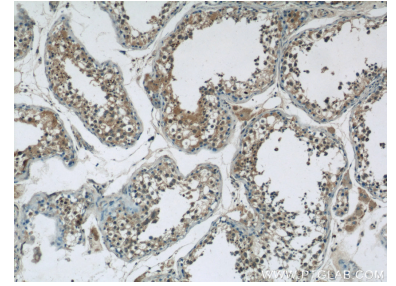
Selected Validation Data



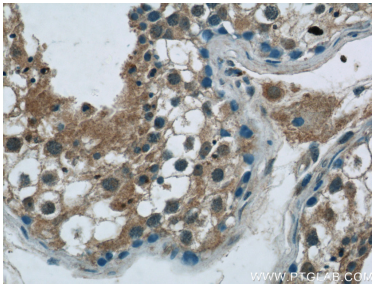
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24198-1-AP (GSK3B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



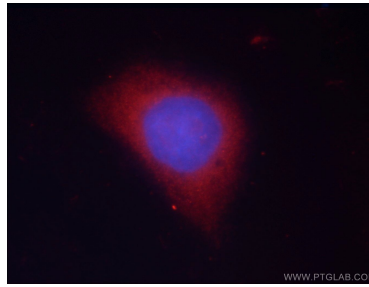
IP result of anti-GSK3B (IP:24198-1-AP, 4ug; Detection:24198-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



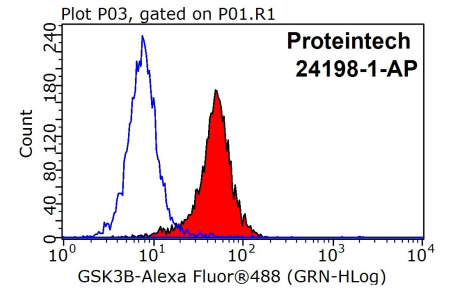
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24198-1-AP (GSK3B Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24198-1-AP (GSK3B Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of Ethacrynic acid treated HeLa cells using 24198-1-AP (GSK3B antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



1X10⁶ HeLa cells were stained with .05ug GSK3B antibody (24198-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). FITC-Goat anti-Rabbit IgG with dilution 1:100.