

For Research Use Only

GSK3B Polyclonal antibody

Catalog Number: 24198-1-AP **5 Publications**



Basic Information

Catalog Number: 24198-1-AP	GenBank Accession Number: BC000251	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 450 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2932	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF/ICC 1:10-1:100
Source: Rabbit	UNIPROT ID: P49841	
Isotype: IgG	Full Name: glycogen synthase kinase 3 beta	
Immunogen Catalog Number: AG21438	Calculated MW: 433 aa, 48 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, IP, ELISA	Positive Controls: WB : mouse brain tissue, HeLa cells, PC-12 cells IP : mouse brain tissue, IHC : human testis tissue, IF/ICC : Ethacrynic acid treated HeLa cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
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	

Notable Publications

Author	Pubmed ID	Journal	Application
Dong Ma	33330653	Front Cardiovasc Med	WB
Xueyun Chen	30949496	Biomed Res Int	
Liyang Shan	39552785	Genes Dis	WB

Storage

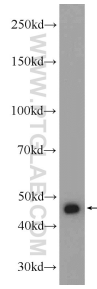
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

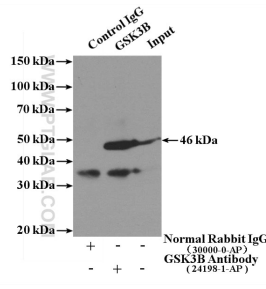
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

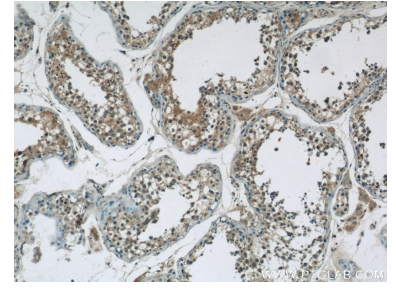
Selected Validation Data



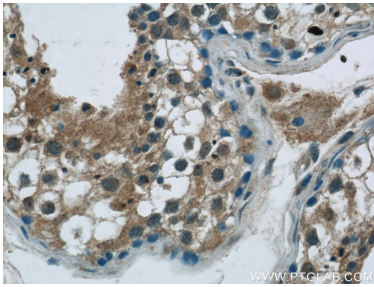
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24198-1-AP (GSK3B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



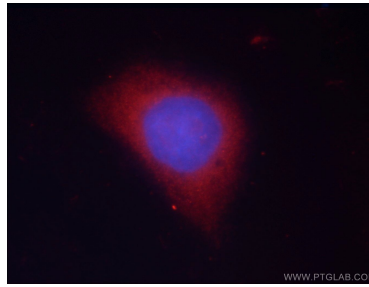
IP result of anti-GSK3B (IP:24198-1-AP, 4ug; Detection:24198-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



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.