

For Research Use Only

# GSK3B Polyclonal antibody

Catalog Number: 24198-1-AP 4 Publications



## Basic Information

**Catalog Number:**

24198-1-AP

**Size:**

150ul, Concentration: 450 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG21438

**GenBank Accession Number:**

BC000251

**GeneID (NCBI):**

2932

**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 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:10-1:100

## Applications

**Tested Applications:**

FC, IF, IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse

**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

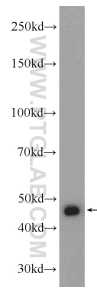
For technical support and original validation data for this product please contact:

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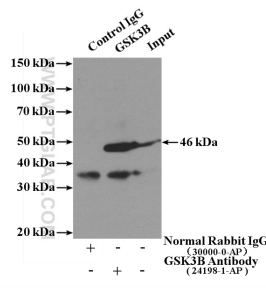
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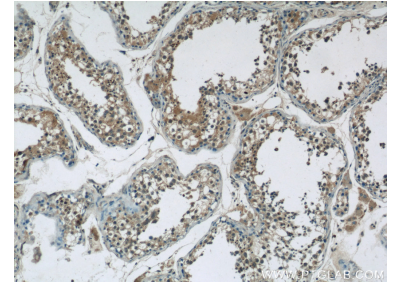
## Selected Validation Data



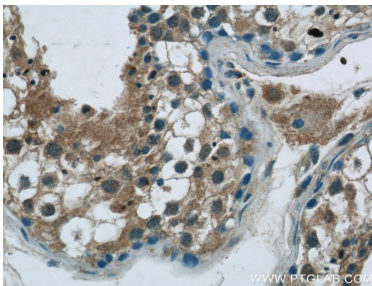
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24198-1-AP (GSK3B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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



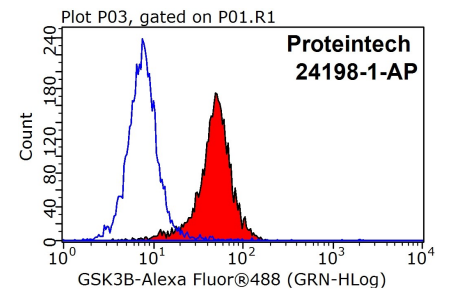
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24198-1-AP (GSK3B Antibody) at dilution of 1:50 (under 10x lens).



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.



1X10<sup>6</sup> 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.