

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GSK3B



Numéro de catalogue: 51065-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:

51065-1-AP

Taille:

150ul , Concentration: 800 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC000251

Identification du gène (NCBI):

2932

Nom complet:

glycogen synthase kinase 3 beta

MW calculé

433 aa, 48 kDa

MW observés:

46-52 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HEK-293

IP : cellules HeLa,

IHC : tissu de cancer de la prostate humain,

IF : cellules NIH/3T3, cellules HeLa

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to INS regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis. Researches showed that the crystal structure of human GSK3B, expressed in insect cells, at 2.8-angstrom resolution. This antibody recognize the C-terminal of GSK3B.

Publications notables

Autrice	Pubmed ID	Journal	Application
Dongdong Zhao	32908202	Cell Death Differ	WB
Rui Wang	29030155	J Steroid Biochem Mol Biol	WB
Alena Rudkouskaya	24371086	Mol Biol Cell	IF

Stockage

Stockage:

Stocker à -20 °C.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

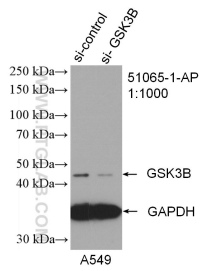
For technical support and original validation data for this product please contact:

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.

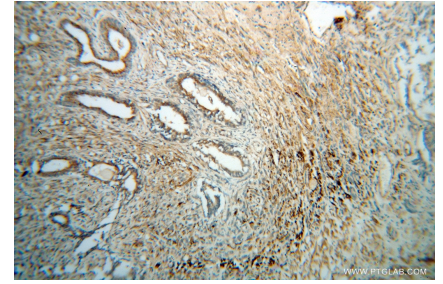
Données de validation sélectionnées



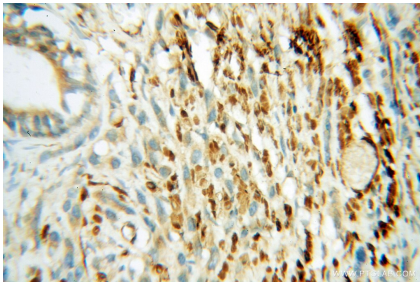
WB result of GSK3B antibody (51065-1-AP; 1:1000); incubated at room temperature for 1.5 hours) with sh-Control and sh-GSK3B transfected A549 cells.



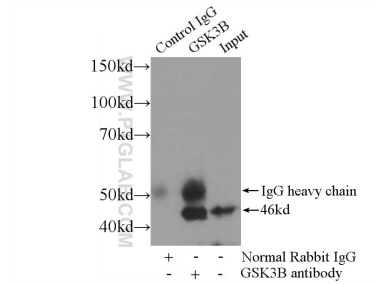
HeLa cells were subjected to SDS PAGE followed by western blot with 51065-1-AP (GSK3B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



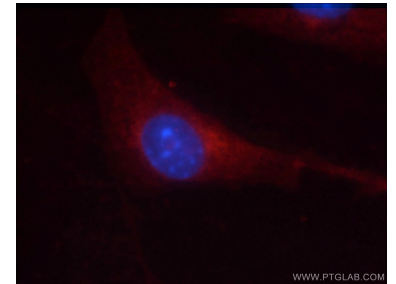
Immunohistochemical analysis of paraffin-embedded human prostate cancer using 51065-1-AP (GSK3B antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 51065-1-AP (GSK3B antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-GSK3B (IP:51065-1-AP, 3ug; Detection:51065-1-AP 1:500) with HeLa cells lysate 920ug.



Immunofluorescent analysis of NIH/3T3 cells using 51065-1-AP (GSK3B antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.