

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GSK3B



Numéro de catalogue: 22104-1-AP

Phare

278 Publications

Informations de base

Numéro de catalogue:

22104-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG17320

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:

46-48 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:100-1:400

IF 1:1000-1:4000

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, poisson-zèbre, porc, poulet, rat, souris, Hamster

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.

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules LNCaP, cellules PC-3, tissu cérébral de rat, tissu cérébral de souris, tissu de thymus de rat, tissu de thymus de souris, tissu ovarien de souris, tissu rénal de souris, tissu testiculaire de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du poumon humain, tissu de côlon de rat, tissu d'hyperplasie de la prostate humaine, tissu testiculaire humaine

IF : cellules MCF-7,

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 recognizes the C-terminal of GSK3B.

Publications notables

Autrice	Pubmed ID	Journal	Application
Silin Liu	34591063	Genet Mol Biol	WB
Ke-Xin Wang	34649212	Phytomedicine	WB
Yi Yang	30356420	Mediators Inflamm	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

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.

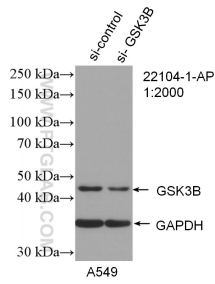
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

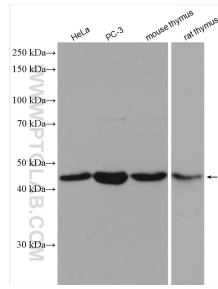
E: proteintech@ptglab.com
W: ptglab.com

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

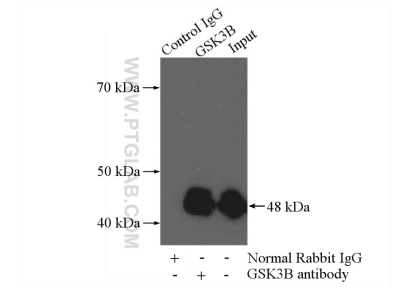
Données de validation sélectionnées



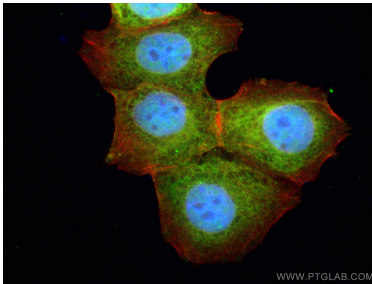
WB result of GSK3B antibody (22104-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GSK3B transfected A549 cells.



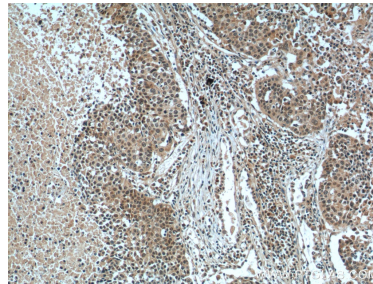
Various lysates were subjected to SDS PAGE followed by western blot with 22104-1-AP (GSK3B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



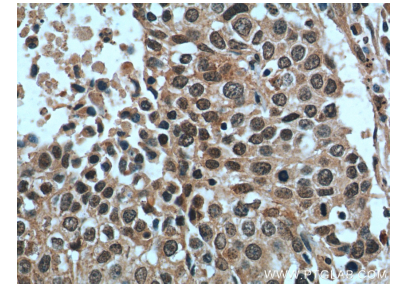
IP Result of anti-GSK3B (IP:22104-1-AP, 4ug; Detection:22104-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using GSK3B antibody (22104-1-AP) at dilution of 1:2000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22104-1-AP (GSK3B Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22104-1-AP (GSK3B Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).