

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-GSK3B (Tyr216)



Numéro de catalogue: 29125-1-AP

1 Publications

## Informations de base

Numéro de catalogue:

29125-1-AP

Taille:

100ul, Concentration: 220 µg/ml by Nanodrop;

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:

50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

rat

Contrôles positifs:

WB : cellules HEK-293T traitées à la λ phosphatase,

## Informations générales

Glycogen synthase kinase 3 (GSK3) proteins are serine/threonine kinases that were originally identified as key regulatory enzymes in glucose metabolism. There are two isoforms, GSK3 alpha and GSK3 beta, that are encoded by separate genes and that are 85% homologous to each other overall with 95% homology in the kinase domains. PI3K pathway downstream of receptor tyrosine kinase signalling is thought to result in inactivation of GSK3 through phosphorylation of the amino-terminal serine residue (Ser9 in GSK3 beta and Ser21 in GSK3 alpha). GSK3 phosphorylation inhibits its catalytic activity towards its substrates, allowing cytosolic stabilization and nuclear translocation of the transcriptional targets, β-catenin and Nrf2. (PMID: 31354196, PMID: 25750704)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Hongcheng Zang	35774755	Evid Based Complement Alternat Med	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.

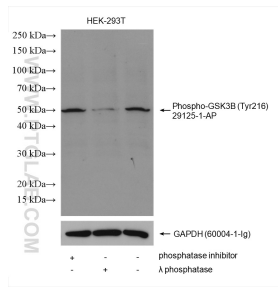
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## Données de validation sélectionnées



Non-treated HEK-293T, phosphatase inhibitor treated and  $\lambda$  phosphatase treated HEK-293T cells were subjected to SDS PAGE followed by western blot with 29125-1-AP (Phospho-GSK3B (Tyr216) antibody) at dilution of 1:800 incubated at room temperature for 1 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.