

Nur für Forschungszwecke

Phospho-GSK3B (Tyr216) Polyklonaler Antikörper



Katalog-Nr.: 29125-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.: 29125-1-AP	GenBank-Zugangsnummer: BC000251	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 220 µg/ml von Nanodrop;	GeneID (NCBI): 2932	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: glycogen synthase kinase 3 beta	
Isotyp: IgG	Berechnete Masse: 433 aa, 48 kDa	
	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit λ-Phosphatase behandelte HEK-293T-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Ratte	

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hongcheng Zang	35774755	Evid Based Complement Alternat Med	WB

Lagerung

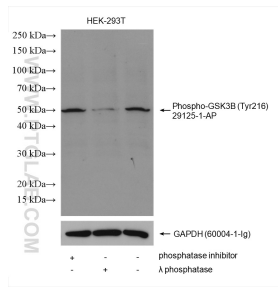
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 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)
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Ausgewählte Validierungsdaten



Non-treated HEK-293T, phosphatase inhibitor treated and λ 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.