

Nur für Forschungszwecke

Phospho-GSK3A (Ser21) Polyklonaler Antikörper



Katalog-Nr.:28875-1-AP

Allgemeine Informationen

Katalog-Nr.: 28875-1-AP	GenBank-Zugangsnummer: BC027984	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 2931	Empfohlene Verdünnungen: WB 1:1000-1:6000
Wirt: Kaninchen	Vollständiger Name: glycogen synthase kinase 3 alpha	
Isotyp: IgG	Berechnete Masse: 483 aa, 51 kDa	
	Beobachtete Masse: 51 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit Calyculin A behandelte PC-3-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

GSK3A (glycogen synthase kinase 3 alpha), one of the two functional isoforms encoded by the GSK3 gene, is a serine/threonine protein kinase that is involved in cell-cycle progression, differentiation, and apoptosis (PMID: 27049759). Glycogen synthase kinase-3 (GSK-3) was initially identified as an enzyme that regulates glycogen synthesis in response to insulin. GSK-3 is a critical downstream element of the PI3K/Akt cell survival pathway whose activity can be inhibited by Akt-mediated phosphorylation at Ser21 of GSK-3A and Ser9 of GSK-3B. GSK3A acts as a tumor suppressor and has important roles in acute myeloid leukemia (AML), prostate cancer, and pancreatic cancer (PMID: 22326953, 22539113, 23547054).

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**

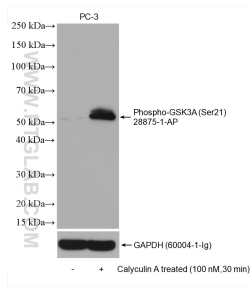
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Non-treated PC-3 and Calyculin A treated PC-3 cells were subjected to SDS PAGE followed by western blot with 28875-1-AP (Phospho-GSK3A (Ser21) antibody) at dilution of 1:3000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.