

Nur für Forschungszwecke

Phospho-PKC Delta (Ser359) Polyklonaler Antikörper



Katalog-Nr.: 29562-1-AP

Allgemeine Informationen

Katalog-Nr.: 29562-1-AP	GenBank-Zugangsnummer: BCO43350	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 300 µg/ml von Nanodrop;	GeneID (NCBI): 5580	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: protein kinase C, delta	
Isotyp: IgG	Berechnete Masse: 78 kDa	
	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : mit λ-Phosphatase behandelte Jurkat-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

Protein kinase C (PKC) was initially identified and characterized as a protein hydrolysis-activated kinase called protein kinase M. It has been established that PKC is a family of at least 12 serine/threonine kinases that is divided into three subfamilies: The classical PKCs (α , β 1, β 2, and γ), which are activated by diacylglycerol (DAG) and calcium; the novel PKCs (δ , ϵ , η , and θ) which are activated by DAG; and the atypical PKCs (ζ and λ /I), which respond to neither DAG nor calcium. PKC δ , unlike other members of the PKC family, is unique in its regulation by tyrosine phosphorylation on multiple sites that determine activation, localization, and substrate specificity. PKC δ is activated by inflammatory mediators involved in the inflammatory response including lipopolysaccharide (LPS), tumor necrosis factor (TNF) and interleukin-1 (IL-1). PKC δ activation requires multi-phosphorylation steps which triggers translocation from the cell cytosol to different subcellular compartments. (PMID: 30095599, PMID: 31323909, PMID: 30917487)

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

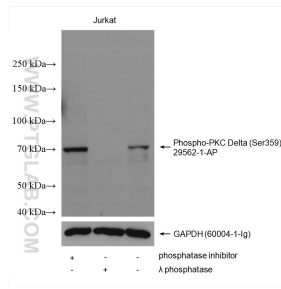
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Non-treated Jurkat, phosphatase inhibitor treated and λ phosphatase treated Jurkat cells were subjected to SDS PAGE followed by western blot with 29562-1-AP (Phospho-PKC Delta (Ser359) antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.