

Nur für Forschungszwecke

Phospho-P53 (Ser392) Polyklonaler Antikörper



Katalog-Nr.: 28963-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.: 28963-1-AP	GenBank-Zugangsnummer: BC003596	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 260 µg/ml von Nanodrop;	GeneID (NCBI): 7157	Empfohlene Verdünnungen: WB 1:5000-1:50000
Wirt: Kaninchen	Vollständiger Name: tumor protein p53	
Isotyp: IgG	Berechnete Masse: 44 kDa	
	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : λ phosphatase treated HEK-293 cells,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human	

Hintergrundinformationen

P53 is a 53 kDa protein that is activated in response to alteration of normal cell homeostasis, including DNA damage, nutrient starvation, heat shock, virus infection, pH change, hypoxia, and oncogene activation. P53 maintains genetic stability by regulating different processes, such as cell-cycle arrest, DNA synthesis and repair, programmed cell death, and energy metabolism. In non-stressed conditions these proteins bind p53, ubiquitylate it and target it for degradation by the proteasome. In stressed conditions the function of the Mdm2-Mdm4 complex is blocked by phosphorylation, protein-binding events and/or enhanced degradation. Phosphorylated at Ser-315 and Ser-392 by CDK2 in response to DNA-damage. (PMID: 19935675, PMID: 24379683)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jingwen Tan	36208777	Chem Biol Interact	WB

Lagerung

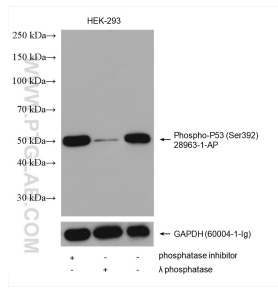
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 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)
E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



Non-treated HEK-293, phosphatase inhibitor treated and λ phosphatase treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 28963-1-AP (Phospho-P53 (Ser392) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.