

Nur für Forschungszwecke

Phospho-p38 MAPK (Thr180/Tyr182) Polyklonaler Antikörper



Katalog-Nr.: 28796-1-AP

62 Publikationen

Allgemeine Informationen

Katalog-Nr.: 28796-1-AP	GenBank-Zugangsnummer: BC031574	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 1432	Empfohlene Verdünnungen: WB 1:1000-1:4000
Wirt: Kaninchen	Vollständiger Name: mitogen-activated protein kinase 14	
Isotyp: IgG	Berechnete Masse: 360 aa, 41 kDa	
	Beobachtete Masse: 38-42 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: Mit UV behandelte HEK-293T-Zellen, mit LPS behandelte THP-1-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Hausschwein, Human, Maus, Ratte	

Hintergrundinformationen

A stress-activated serine/threonine protein kinase, p38 mitogen-activated protein kinase (p38 MAPK), belongs to the MAP kinase superfamily. Diverse extracellular stimuli, including ultraviolet light, irradiation, heat shock, high osmotic stress, proinflammatory cytokines and certain mitogens, trigger a stress-regulated protein kinase cascade culminating in activation of p38 MAPK through phosphorylation on a TGY motif within the kinase activation loop. The p38 MAPK undergoes dual phosphorylation at Thr182 and Tyr180 in the Thr-Gly-Tyr activation loop by MAP kinase kinase 6 (MKK6). Upon activation, p38 MAPK phosphorylates multiple substrates, including MAPK activated protein kinase 2 (MAPKAPK2) and activating transcription factor 2 (ATF-2). (PMID: 26901653, PMID: 10807318)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zemin Zhu	36175845	BMC Mol Cell Biol	WB
Xin-Sen Chen	36182039	Pharmacol Res	WB
Liping Wang	34559939	IUBMB Life	WB

Lagerung

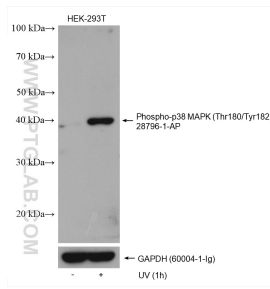
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

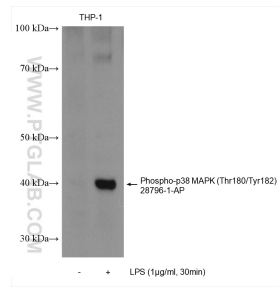
For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



Non-treated and UV treated HEK-293T cells were subjected to SDS PAGE followed by western blot with 28796-1-AP (Phospho-p38 MAPK (Thr180/Tyr182) antibody) at dilution of 1:2000 incubated at room temperature for 1 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



Non-treated and LPS treated THP-1 cells were subjected to SDS PAGE followed by western blot with 28796-1-AP (Phospho-p38 MAPK (Thr180/Tyr182) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.