

Nur für Forschungszwecke

Phospho-HSP27 (Ser78) Polyklonaler Antikörper



Katalog-Nr.:28900-1-AP

Allgemeine Informationen

Katalog-Nr.: 28900-1-AP	GenBank-Zugangsnummer: BC012768	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 165 µg/ml von Nanodrop;	GeneID (NCBI): 3315	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: heat shock 27kDa protein 1	
Isotyp: IgG	Berechnete Masse: 19-23 kDa	
	Beobachtete Masse: 27-30 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : mit TNF-alpha behandelte HeLa-Zellen, Mit Calyculin A behandelte HeLa-Zellen, Mit Calyculin A behandelte PC-3-Zellen
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

HSPB1, also named as HSP27, belongs to the mammalian small HSP family widely expressed in cells including the cytoplasm and nucleus. It has been reported that HSPB1 plays a key role in stress resistance, actin organization and numerous biological processes. HSPB1 can be phosphorylated in different stimulation such as cytokines, growth factors and peptide hormones on the site of Ser15, Ser78 and Ser82 by MAPKAP2 kinase. The phosphorylation of HSPB1 leads to a decrease in the size of HSPB1 oligomers. HSPB1 is associated with amyotrophic lateral sclerosis (ALS) (PMID: 8542580, 11960785, 10383393, 32231288)

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

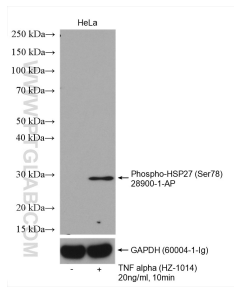
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



Non-treated HeLa and TNF alpha (HZ-1014) treated HeLa cells were subjected to SDS PAGE followed by western blot with 28900-1-AP (Phospho-HSP27 (Ser78) antibody) at dilution of 1:1000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.