

Nur für Forschungszwecke

HSP70 Polyklonaler Antikörper

Katalog-Nr.: 25405-1-AP

6 Publikationen



Allgemeine Informationen

Katalog-Nr.:
25405-1-AP

Größe:
150ul, Konzentration: 650 µg/ml von Nanodrop und 253 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG13700

GenBank-Zugangsnummer:
BC057397

GeneID (NCBI):
3304

Vollständiger Name:
heat shock 70kDa protein 1B

Berechnete Masse:
70 kDa

Beobachtete Masse:
60-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:50000
IP 0.5-4.0 µg für IP und 1:2000-1:10000 für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB: HEK-293-Zellen, HeLa-Zellen, K-562-Zellen, Maushirngewebe, Rattenhirngewebe

IP: HEK-293-Zellen, K-562-Zellen

Hintergrundinformationen

HSP70 (also referred to HSP72), is a stress-inducible member of heat-shock protein 70 (HSP70) proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSP70 is a cytosol/nuclear protein able to translocate between cytoplasm and nucleus. Generally, HSP70 is thought to be expressed in unstressed normal cells at low or undetectable levels. Expression of HSP70 protein can be highly activated by various stressful stimuli. Significant up-regulation of HSP70 has been found in various tumors. Recently it has been reported that HSP70 can be constitutively expressed in selected cell types. HSP70 is also used as exosomal marker. This antibody recognizes two isoforms of HSP70 around 70 kDa and 60 kDa, respectively.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yong Chen	36224027	Front Biosci (Landmark Ed)	WB
Simona Cugusi	36121223	Mol Cell Biol	WB
Huikang Tao	33791790	Hum Mol Genet	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

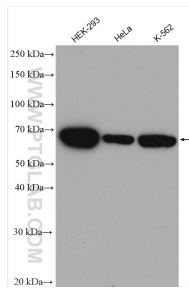
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

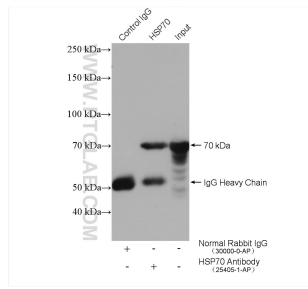
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 25405-1-AP (HSP70 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



IP result of anti-HSP70 (IP:25405-1-AP, 4ug; Detection:25405-1-AP 1:5000) with HEK-293 cells lysate 2320 ug.