

Nur für Forschungszwecke

TRAP1 Polyklonaler Antikörper

Katalog-Nr.:10325-1-AP

Vorgestelltes Produkt

10 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10325-1-AP	GenBank-Zugangsnummer: BC000406	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop und 320 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 10131	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:20-1:200 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: TNF receptor-associated protein 1	
Isotyp: IgG	Berechnete Masse: 80 kDa	
Immunogen Katalognummer: AG0400	Beobachtete Masse: 66-70 kDa, 60 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : HL-60-Zellen, HeLa-Zellen, HepG2-Zellen, K-562-Zellen, Mausherzgewebe, NIH/3T3-Zellen, Raji-Zellen IHC : humanes Herzgewebe, IF : HepG2-Zellen,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

TNF receptor-associated protein 1 (TRAP1, synonym: HSP75) is a member of the HSP90 family of molecular chaperones, and is expressed ubiquitously and located to mitochondria. A unique LxCxE motif in HSP75, but not in other HSP90 family members, appears to be important for binding to the simian virus 40 T-antigen-binding domain of hypophosphorylated Rb. Data also suggests that suppression of the expression of TRAP1 in mitochondria plays an important role in the induction of apoptosis caused via formation of reactive oxygen species (ROS).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hongyu Sun	36233059	Int J Mol Sci	WB
Jun Ma	34820015	Oncol Lett	WB
Katsutaka Mitachi	33753854	Sci Rep	IHC

Lagerung

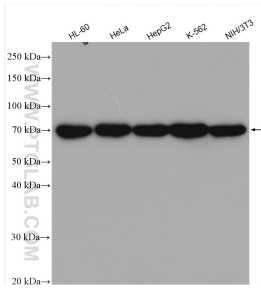
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

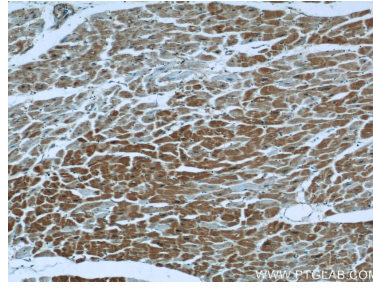
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

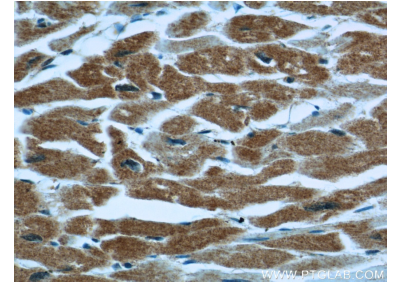
Ausgewählte Validierungsdaten



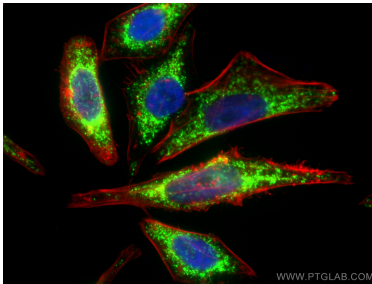
Various lysates were subjected to SDS PAGE followed by western blot with 10325-1-AP (TRAP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



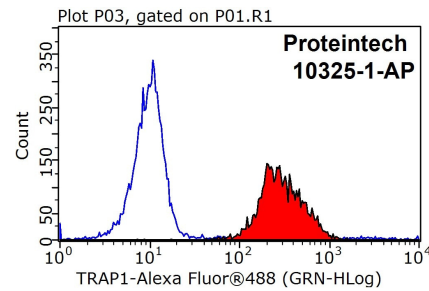
Immunohistochemical analysis of paraffin-embedded human heart using 10325-1-AP (TRAP1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 10325-1-AP (TRAP1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TRAP1 antibody (10325-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ HeLa cells were stained with 0.2ug TRAP1 antibody (10325-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.