

Allgemeine Informationen

Katalog-Nr.: 66907-1-Ig	GenBank-Zugangsnummer: BC030025	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 2300 µg/ml von7073 Nanodrop und 940 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: TIA1 cytotoxic granule-associated RNA binding protein-like 1	CloneNo.: 1E8D12 Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:250-1:1000 IF 1:50-1:500
Wirt: Maus	Berechnete Masse: 42 kDa	
Isotyp: IgG1	Beobachtete Masse: 39 and 41 kDa	
Immunogen Katalognummer: AG11981		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, A549-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen, RAW 264.7-Zellen, THP-1-Zellen IHC : humanes Mammakarzinomgewebe, humanes Ovarialkarzinomgewebe IF : MCF-7-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

TIAR, also named as TIA 1 related protein, is an RNA-binding protein which is associated with apoptosis. It has been shown that mouse with disrupted TIAR gene show high levels of embryonic lethality. TIAR plays an important role in cytoplasm and nucleus where it can control translation of some specific mRNAs and activate splicing of exons with weak 5-splice sites. 66907-1-Ig detects 39 and 41 kDa bands in SDS-PAGE. Besides, TIAR also has the 28 kDa and 50 kDa proteins for TIAR exists in multiple alternative splicing forms.(PMID: 12533540, 7533298, 22851315, 8176212)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuzo Abe	34217360	Cell Biosci	WB
Bolong Yi	34890108	J Cell Mol Med	WB

Lagerung

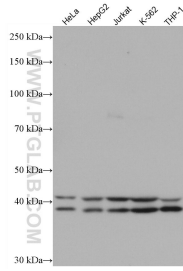
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

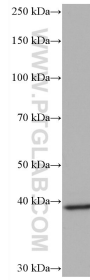
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

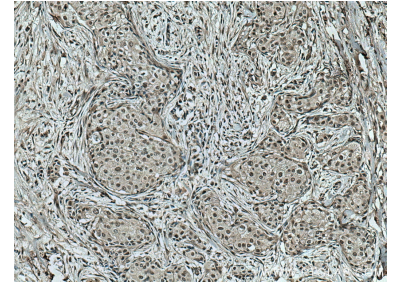
Ausgewählte Validierungsdaten



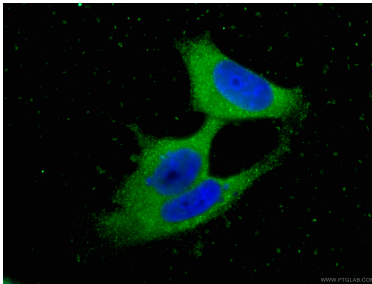
Various lysates were subjected to SDS PAGE followed by western blot with 66907-1-Ig (TIAR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



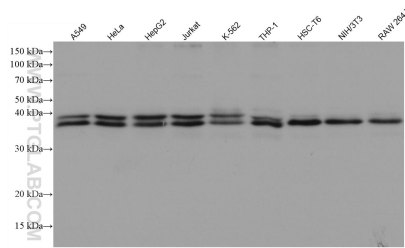
RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 66907-1-Ig (TIAR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



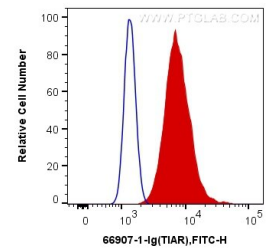
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66907-1-Ig (TIAR antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 66907-1-Ig (TIAR antibody) at dilution of 1:100.



Various lysates were subjected to SDS PAGE followed by western blot with 66907-1-Ig (TIAR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1×10^6 MCF-7 cells were intracellularly stained with 0.2 μ g Anti-Human TIAR (66907-1-Ig, Clone:1E8D12) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).