

À des fins de recherche uniquement

Anticorps Monoclonal anti-TIAR

Numéro de catalogue: 66907-1-Ig **3 Publications**



Informations de base

Numéro de catalogue: 66907-1-Ig	Numéro d'acquisition GenBank: BC030025	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 2300 µg/ml by Nanodrop and 940 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7073	CloneNo.: 1E8D12
Hôte: Mouse	Nom complet: TIA1 cytotoxic granule-associated RNA binding protein-like 1	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:250-1:1000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 42 kDa	
Immunogen Catalog Number: AG11981	MW observés: 39 and 41 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3, cellules RAW 264.7, cellules THP-1

IHC : tissu de cancer du sein humain, tissu de tumeur ovarienne humain

IF : cellules MCF-7,

Informations générales

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)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuzo Abe	34217360	Cell Biosci	WB
Bolong Yi	34890108	J Cell Mol Med	WB
Fengli Wang	37223481	Research (Wash D C)	IF

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

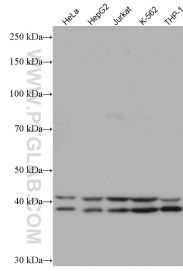
For technical support and original validation data for this product please contact:

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.

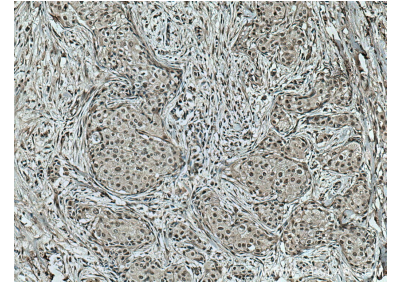
Données de validation sélectionnées



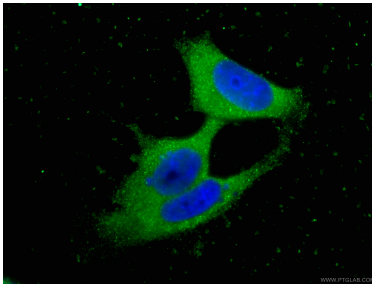
Various lysates were subjected to SDS PAGE followed by western blot with 66907-1-Ig (TIAR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



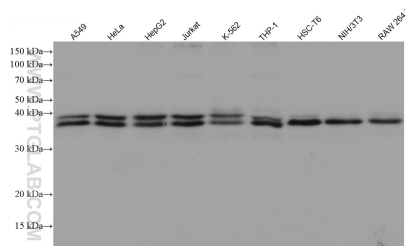
RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 66907-1-Ig (TIAR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



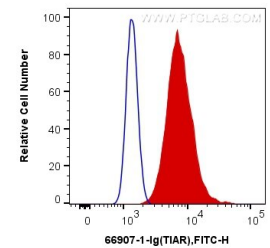
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66907-1-Ig (TIAR antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).