

À des fins de recherche uniquement

Anticorps Monoclonal anti-TARS

Numéro de catalogue: 67828-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 67828-1-Ig	Numéro d'acquisition GenBank: BC000517	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 6897	CloneNo.: 1A11F10
Hôte: Mouse	Nom complet: threonyl-tRNA synthetase	Dilutions recommandées: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG2b	MW calculé 83 kDa	
Immunogen Catalog Number: AG6614	MW observés: 83-87 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs:
Demandes citées: WB	WB : cellules HeLa, cellules 4T1, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules PC-12
Spécificité de l'espèce: Humain, rat, souris	IF : cellules HeLa,
Espèces citées: Humain	

Informations générales

TARS (Threonyl-tRNA synthetase), also known as threonine-tRNA ligase or ThrRS, belongs to the aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetase (aaRS) catalyzes the specific esterification of an amino acid with the 3'-terminal hydroxyl group of its cognate tRNA. Specificity of aminoacylation catalyzed by aaRSs ensures the accurate translation of the genetic code in the first step of protein synthesis (PMID: 26324710). TARS has some isoforms with the molecular mass of 83, 87 kDa and other MW.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ning Xu	35659036	J Hematol Oncol	WB

Stockage

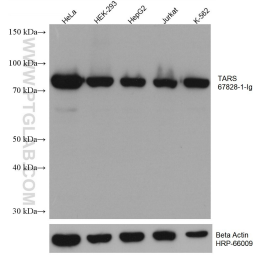
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

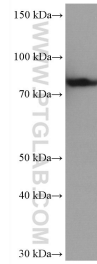
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

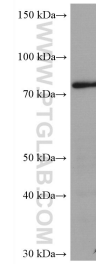
Données de validation sélectionnées



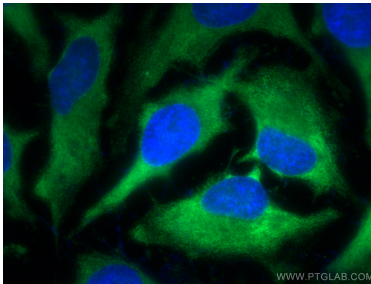
Various lysates were subjected to SDS PAGE followed by western blot with 67828-1-Ig (TARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67828-1-Ig (TARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



4T1 cells were subjected to SDS PAGE followed by western blot with 67828-1-Ig (TARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using TARS antibody (67828-1-Ig, Clone: 1A11F10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).