

À des fins de recherche uniquement

Anticorps Monoclonal anti-TrpRS

Numéro de catalogue: 67952-1-Ig



Informations de base

Numéro de catalogue: 67952-1-Ig	Numéro d'acquisition GenBank: BC017489	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7453	CloneNo.: 1C6C3
Hôte: Mouse	Nom complet: tryptophanyl-tRNA synthetase	Dilutions recommandées: WB 1:5000-1:50000 IF 1:500-1:2000
Isotype: IgG2b	MW calculé: 471 aa, 53 kDa	
Immunogen Catalog Number: AG31430	MW observés: 53 kDa	

Applications

Applications testées:
IF, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules LNCaP, cellules 4T1, cellules HEK-293,
cellules HeLa, cellules HSC-T6, cellules Jurkat,
cellules K-562, tissu placentaire humain

IF : cellules LNCaP,

Informations générales

Tryptophanyl-tRNA synthetase (WRS) is a cytosolic amino acyl-tRNA synthetase essential for protein synthesis. Full-length WRS is released during bacterial infection and primes the Toll-like receptor 4 (TLR4)-myeloid differentiation factor 2 (MD2) complex to elicit innate immune responses. Inside the nucleus, WRS stimulates DNA-dependent protein kinase, catalytic subunit (DNA-PKcs), activity via its WHEP domain, leading to the phosphorylation and activation of p53 (39) (PMID:30355684).

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.

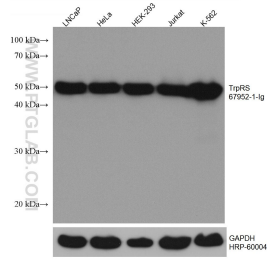
For technical support and original validation data for this product please contact:

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

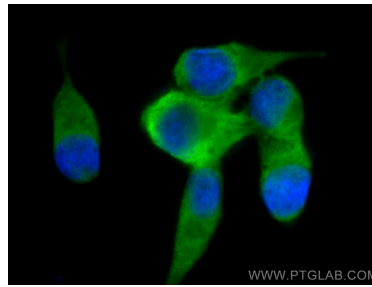
E: proteintech@ptglab.com
W: ptglab.com

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 67952-1-Ig (WARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed LNCaP cells using TrpRS antibody (67952-1-Ig, Clone: 1C6C3) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).