

À des fins de recherche uniquement

Anticorps Monoclonal anti-AlaRS

Numéro de catalogue: 67909-1-Ig



Informations de base

Numéro de catalogue: 67909-1-Ig	Numéro d'acquisition GenBank: BC011451	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by 16 Nanodrop;	Identification du gène (NCBI): 16	CloneNo.: 1C8H3
Hôte: Mouse	Nom complet: alanyl-tRNA synthetase	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG1	MW calculé 968 aa, 107 kDa	
Immunogen Catalog Number: AG11151	MW observés: 107 kDa	

Applications

Applications testées:
IF, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules 4T1, cellules HEK-293,
cellules HepG2, cellules HSC-T6, cellules Jurkat,
cellules K-562, cellules NIH/3T3

IF : cellules A431,

Informations générales

AARS(alanyl-tRNA synthetase) is also named as AlaRS(alanine tRNA ligase 1, cytoplasmic), renal carcinoma antigen NY-REN-42 and belongs to the class-II aminoacyl-tRNA synthetase family. It can interpret the RNA code and attach specific aminoacids to the tRNAs that contain the cognate trinucleotide anticodons. AARS consists of three domains: the N-terminal catalytic domain, the editing domain and the C-terminal C-Ala domain. The editing domain removes incorrectly charged amino acids, while the C-Ala domain, along with tRNA(Ala), serves as a bridge to cooperatively bring together the editing and aminoacylation centers thus stimulating deacylation of misacylated tRNAs(PMID:19661429).

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.

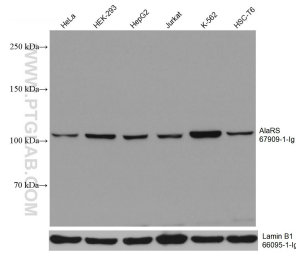
For technical support and original validation data for this product please contact:

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

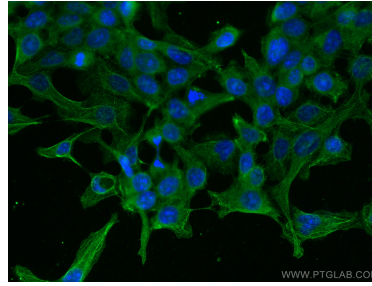
E: proteintech@ptglab.com
W: ptglab.com

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 67909-1-Ig (AlaRS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-Ig) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using AlaRS antibody (67909-1-Ig, Clone: 1C8H3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).