

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AlaRS



Numéro de catalogue: 17394-1-AP

1 Publications

Informations de base

Numéro de catalogue:

17394-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11294

Numéro d'acquisition GenBank:

BC011451

Identification du gène (NCBI):

16

Nom complet:

alanyl-tRNA synthetase

MW calculé

968 aa, 107 kDa

MW observés:

107 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:200-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IHC, 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 HepG2, cellules HeLa, cellules Jurkat

IP : cellules HepG2,

IHC : tissu hépatique humain,

IF : cellules HepG2,

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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Lingling Li	36991000	Nat Commun	WB,IHC

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.

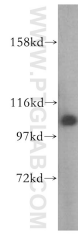
For technical support and original validation data for this product please contact:

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

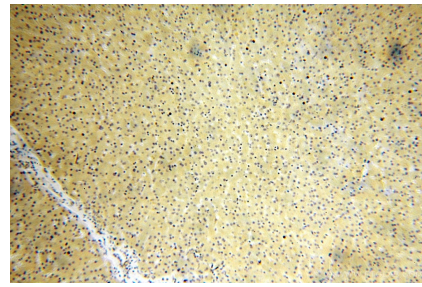
E: proteintech@ptglab.com
W: ptglab.com

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

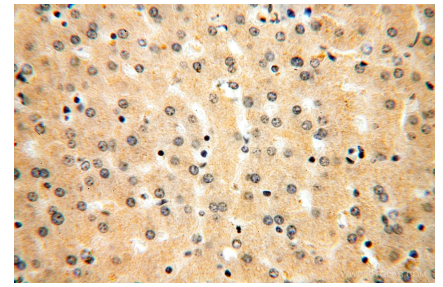
Données de validation sélectionnées



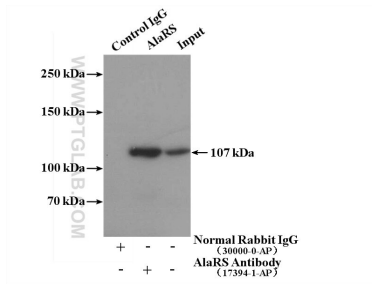
HepG2 cells were subjected to SDS PAGE followed by western blot with 17394-1-AP (AlaRS antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



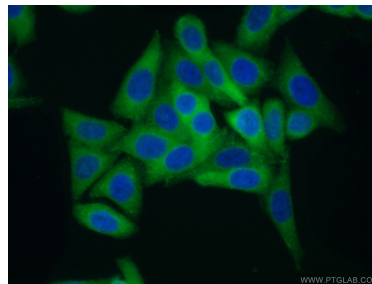
Immunohistochemical analysis of paraffin-embedded human liver using 17394-1-AP (AlaRS antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 17394-1-AP (AlaRS antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-AlaRS (IP:17394-1-AP, 4ug; Detection:17394-1-AP 1:500) with HepG2 cells lysate 2400ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 17394-1-AP (AlaRS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).