

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IARS2



Numéro de catalogue: 17170-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:
17170-1-AP

Taille:
150ul, Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG10696

Numéro d'acquisition GenBank:
BC010218

Identification du gène (NCBI):
55699

Nom complet:
isoleucyl-tRNA synthetase 2, mitochondrial

MW calculé:
1012 aa, 114 kDa

MW observés:
114 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, 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 Jurkat, tissu cérébral de souris, tissu pulmonaire de souris

IP : cellules HeLa, cellules Jurkat

IHC : tissu de cancer du foie humain, tissu rénal humain

IF : cellules HepG2,

Informations générales

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of isoleucine-tRNA synthetase exist, a cytoplasmic form and a mitochondrial form. This gene encodes the mitochondrial isoleucine-tRNA synthetase which belongs to the class-I aminoacyl-tRNA synthetase family.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xin Di	31157169	Front Oncol	WB
Sung-Hoon Kim	33340489	Mol Cell	IF, WB
Yue-Ming Yu	34495060	Rev Assoc Med Bras (1992)	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.

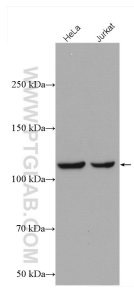
For technical support and original validation data for this product please contact:

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

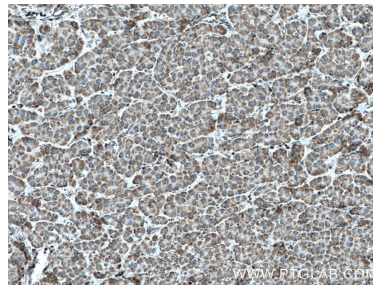
E: proteintech@ptglab.com
W: ptglab.com

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

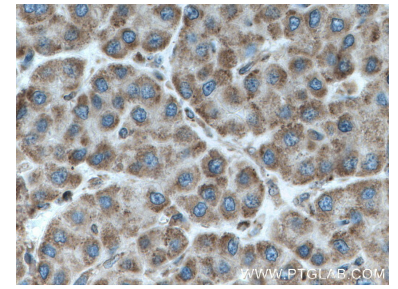
Données de validation sélectionnées



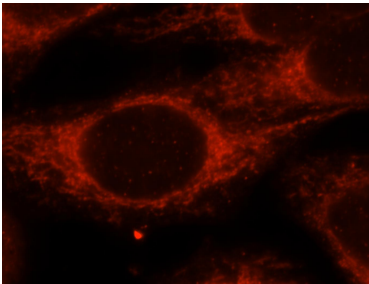
HeLa cells were subjected to SDS PAGE followed by western blot with 17170-1-AP (IARS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



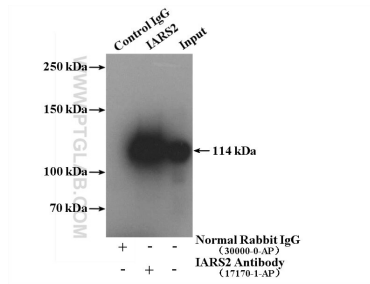
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17170-1-AP (IARS2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



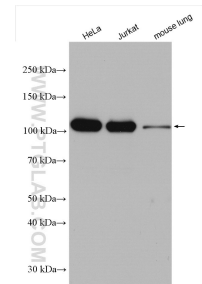
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17170-1-AP (IARS2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using IARS2 antibody 17170-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-IARS2 (IP:17170-1-AP, 4ug; Detection:17170-1-AP 1:800) with HeLa cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 17170-1-AP (IARS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.