

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-RARS



Numéro de catalogue: 27344-1-AP

Phare

2 Publications

## Informations de base

Numéro de catalogue:

27344-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG26390

Numéro d'acquisition GenBank:

BC000528

Identification du gène (NCBI):

5917

Nom complet:

arginyl-tRNA synthetase

MW calculé

75 kDa

MW observés:

67 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

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

IHC 1:50-1:500

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

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 A431, cellules U-251

IP: cellules HeLa,

IHC: tissu cardiaque humain, tissu de cancer du sein humain

## Informations générales

RARS, also named ArgRS (arginyl-tRNA synthetase), belongs to the class-I aminoacyl-tRNA synthetase family which catalyze the aminoacylation of tRNA by their cognate amino acid. In higher eukaryotes, one of the two arginyl-tRNA synthetases (ArgRSs) has evolved to have an extended N-terminal domain that plays a crucial role in protein synthesis and cell growth and in integration into the multisynthetase complex (MSC) (PMID:25288775). RARS has two isoforms with the molecular weight of 75 and 67 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Dennis J Hsu	36608131	Sci Adv	WB
Dennis J Hsu	36711568	bioRxiv	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.

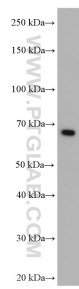
For technical support and original validation data for this product please contact:

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

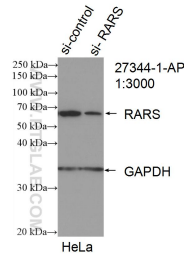
E: proteintech@ptglab.com  
W: ptglab.com

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

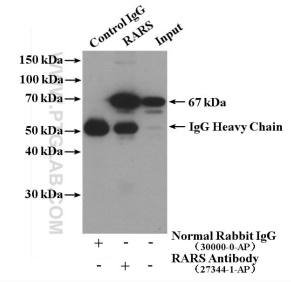
## Données de validation sélectionnées



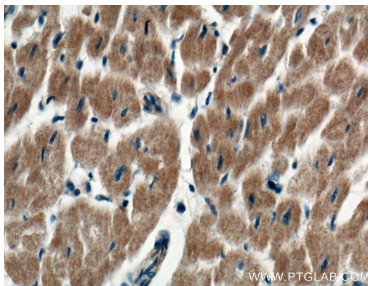
HeLa cells were subjected to SDS PAGE followed by western blot with 27344-1-AP (RARS antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



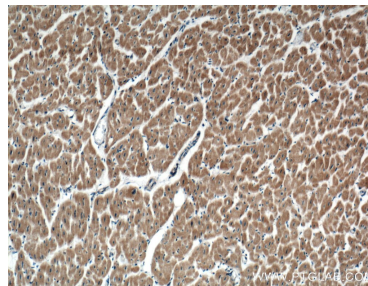
WB result of RARS antibody (27344-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RARS transfected HeLa cells.



IP result of anti-RARS (IP:27344-1-AP, 4ug; Detection:27344-1-AP 1:500) with HeLa cells lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 27344-1-AP (RARS antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 27344-1-AP (RARS antibody) at dilution of 1:200 (under 10x lens).