

For Research Use Only

FARSA Polyclonal antibody

Catalog Number: 18121-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

18121-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12647

GenBank Accession Number:

BC006495

GeneID (NCBI):

2193

UNIPROT ID:

Q9Y285

Full Name:

phenylalanyl-tRNA synthetase, alpha subunit

Calculated MW:

58 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:4000-1:16000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IF, RIP, ELISA

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, K-562 cells, MCF-7 cells, HepG2 cells

IP : MCF-7 cells,

IHC : human liver cancer tissue, human kidney tissue

IF : MCF-7 cells, HeLa cells

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yoshinao Muro	36191779	Autoimmun Rev	WB,IP
Megha Jhanji	35688816	Nat Commun	WB
Qian Zhou	35879296	Nat Commun	IF,ELISA

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

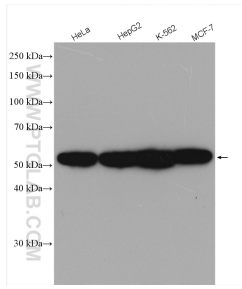
T: 4006900926

E: Proteintech-CN@ptglab.com

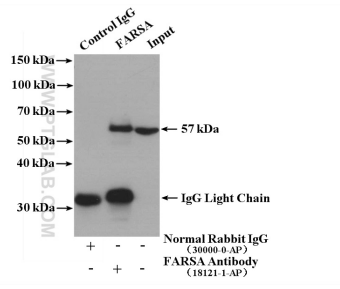
W: ptgcn.com

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

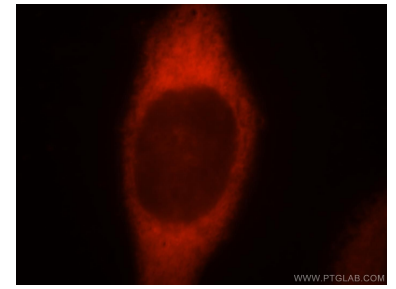
Selected Validation Data



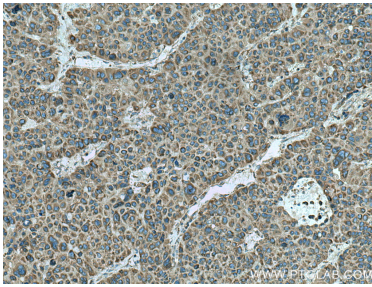
Various lysates were subjected to SDS PAGE followed by western blot with 18121-1-AP (FARS antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



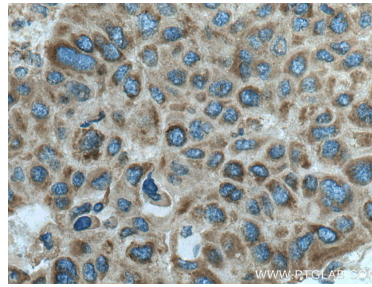
IP result of anti-FARS (IP:18121-1-AP, 4ug; Detection:18121-1-AP 1:2000) with MCF-7 cells lysate 3240 ug.



Immunofluorescent analysis of MCF-7 cells, using FARS antibody 18121-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 18121-1-AP (FARS antibody) at dilution of 1:1000 (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 18121-1-AP (FARS antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).