

For Research Use Only

# FARSB Polyclonal antibody

Catalog Number: 16341-1-AP

5 Publications



## Basic Information

### Catalog Number:

16341-1-AP

### Size:

400 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9522

### GenBank Accession Number:

BC017783

### GeneID (NCBI):

10056

### UNIPROT ID:

Q9NSD9

### Full Name:

phenylalanyl-tRNA synthetase, beta subunit

### Calculated MW:

589 aa, 66 kDa

### Observed MW:

66 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:5000

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

IHC 1:200-1:800

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**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** : HepG2 cells, HeLa cells, HL-60 cells, K-562 cells, human liver tissue, mouse brain tissue, PC-3 cells, mouse liver tissue

**IP** : HeLa cells,

**IHC** : mouse brain tissue, mouse cerebellum tissue, human pancreas tissue

**IF/ICC** : HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Byung Sun Park	26692865	Neural Regen Res	WB
Megha Jhanji	35688816	Nat Commun	WB
Yong Jia Bu	39259935	J Am Chem Soc	

## 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:

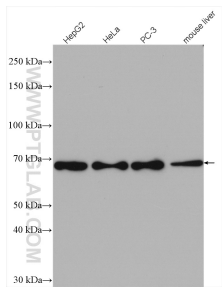
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

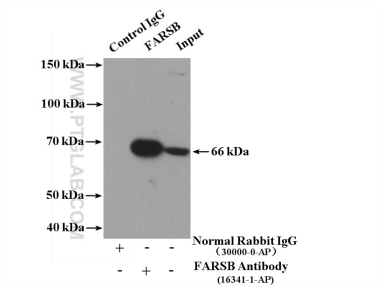
W: [ptgcn.com](http://ptgcn.com)

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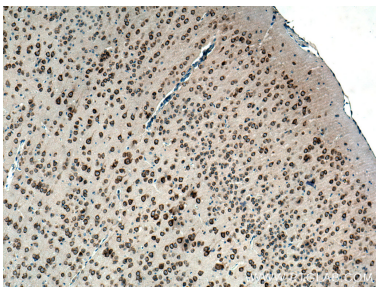
Selected Validation Data



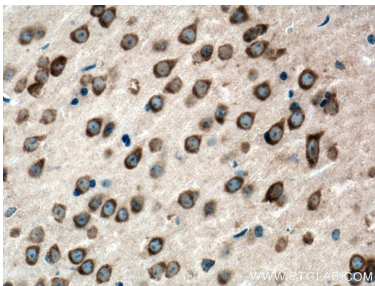
Various lysates were subjected to SDS PAGE followed by western blot with 16341-1-AP (FARSB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



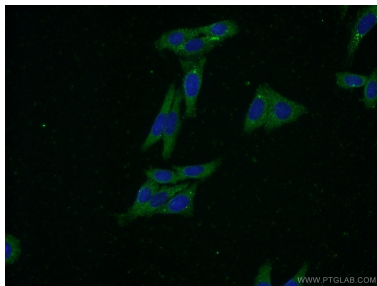
IP result of anti-FARSB (IP:16341-1-AP, 4ug; Detection:16341-1-AP 1:500) with HeLa cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16341-1-AP (FARSB antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16341-1-AP (FARSB antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16341-1-AP (FARSB antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).