

For Research Use Only

# FARSB Monoclonal antibody

Catalog Number: 67924-1-Ig

Featured Product

1 Publications



## Basic Information

Catalog Number:

67924-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG9695

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:

Protein A purification

CloneNo.:

1H10C2

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

IF/ICC 1:400-1:1600

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

Human, Mouse, Rat

Cited Species:

human, 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** : LNCaP cells, HEK-293 cells, Jurkat cells, HSC-T6 cells, HepG2 cells, HeLa cells, K-562 cells, NIH/3T3 cells, RAW 264.7 cells

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

**IF/ICC** : HeLa cells, U-251 cells

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ziran Zhang	37313807	Nan Fang Yi Ke Da Xue Xue Bao	IHC

## 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:

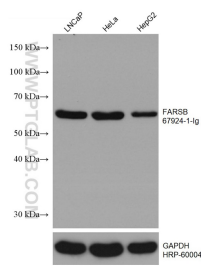
T: 4006900926

E: Proteintech-CN@ptglab.com

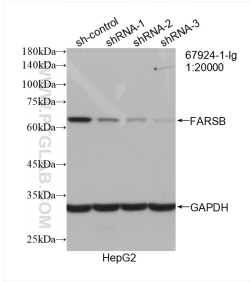
W: ptgcn.com

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

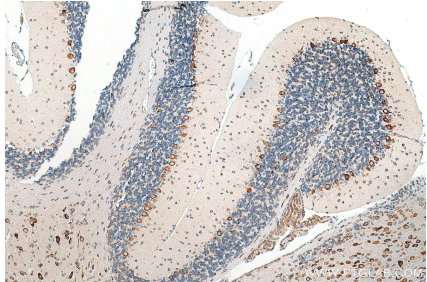
Selected Validation Data



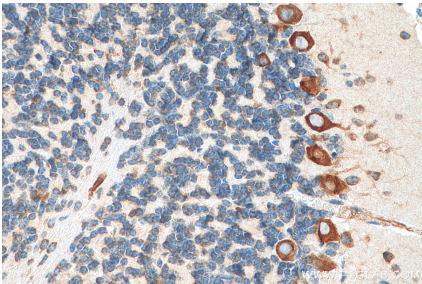
Various lysates were subjected to SDS PAGE followed by western blot with 67924-1-Ig (FARSB antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



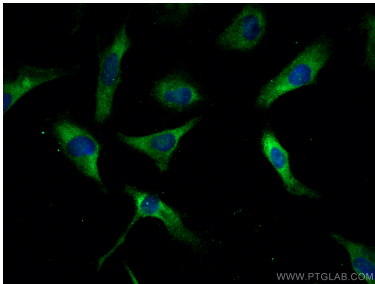
WB result of FARSB antibody (67924-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FARSB transfected HepG2 cells.



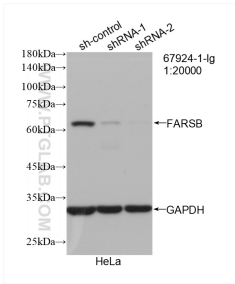
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67924-1-Ig (FARSB antibody) at dilution of 1:20000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



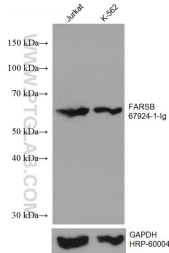
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67924-1-Ig (FARSB antibody) at dilution of 1:20000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FARSB antibody (67924-1-Ig, Clone: 1H10C2) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of FARSB antibody (67924-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FARSB transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 67924-1-Ig (FARSB antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.