

For Research Use Only

FARSB Polyclonal antibody

Catalog Number: 16341-1-AP

5 Publications



Basic Information

Catalog Number:

16341-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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 ug 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,

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

*** 20ul sizes contain 0.1% BSA

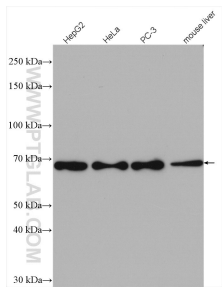
For technical support and original validation data for this product please contact:

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

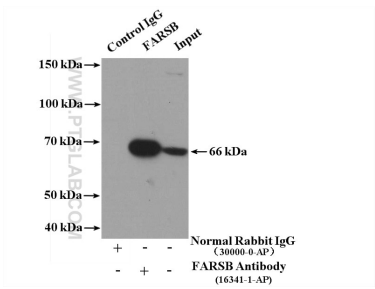
E: proteintech@ptglab.com
W: ptglab.com

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

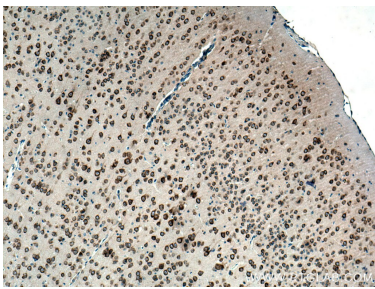
Selected Validation Data



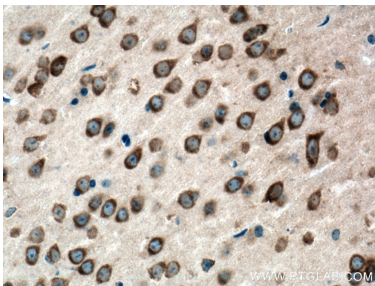
Various lysates were subjected to SDS PAGE followed by western blot with 16341-1-AP (FARSB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



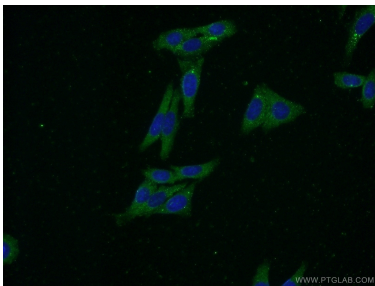
IP result of anti-FARSB (IP:16341-1-AP, 4ug; Detection:16341-1-AP 1:500) with HeLa cells lysate 4000ug.



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).