For Research Use Only

FARSB Monoclonal antibody

Catalog Number:67924-1-Ig Featured Product 1 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
67924-1-Ig

Size:
150ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG9695

GenBank Accession Number:
BC017783

GeneID (NCBI):
10056

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 1:400-1:1600

Applications

Tested Applications:
IF, 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 : 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

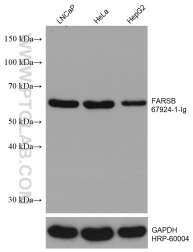
Storage

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

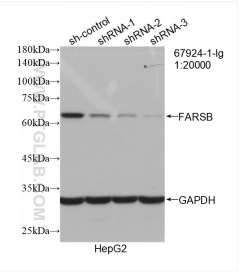
*** 20ul sizes contain 0.1% BSA

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

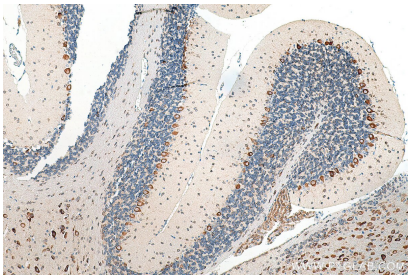
Selected Validation Data



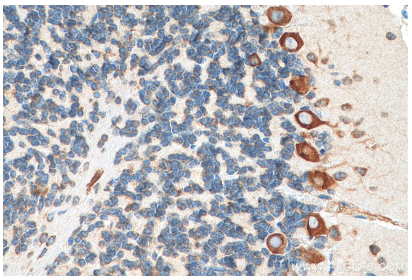
Various lysates were subjected to SDS PAGE followed by western blot with 67924-1-Ig (FARSB antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



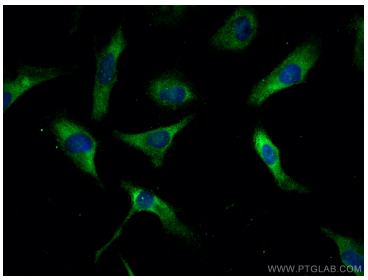
WB result of FARSB antibody (67924-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FARSB transfected HepG2 cells.



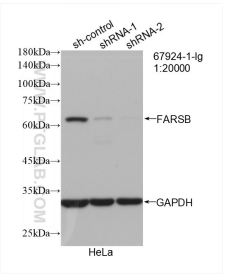
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67924-1-Ig (FARSB antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



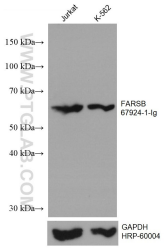
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67924-1-Ig (FARSB antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.