

FARS2 Polyclonal antibody

Catalog Number: 16436-1-AP

5 Publications

Basic Information

Catalog Number:

16436-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9750

GenBank Accession Number:

BC021112

GeneID (NCBI):

10667

UNIPROT ID:

O95363

Full Name:phenylalanyl-tRNA synthetase 2,
mitochondrial**Calculated MW:**

451 aa, 52 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB : HeLa cells, Jurkat cells, HepG2 cells

Background Information

FARS2, a nuclear gene located on chromosome 6 (6p25.1), encodes the mitochondrial phenylalanyl-tRNA synthetase (mtPheRS), which transfers phenylalanine (Phe) to its cognate tRNA in mitochondria (PMID: 32774346).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------------|-----------|-----------------|-------------|
| Elise Vantroys | 29126765 | Mol Genet Metab | WB |
| Giulia Barcia | 33168986 | Eur J Hum Genet | WB |
| Qian Zhou | 35879296 | Nat Commun | WB |

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

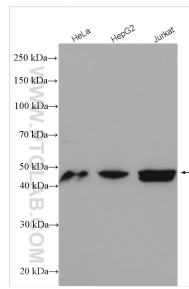
For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.comW: 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 16436-1-AP (FARS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.