

For Research Use Only

FARS2 Polyclonal antibody

Catalog Number: 16436-1-AP **5 Publications**



Basic Information

Catalog Number: 16436-1-AP	GenBank Accession Number: BC021112	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 10667	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	UNIPROT ID: O95363	
Isotype: IgG	Full Name: phenylalanyl-tRNA synthetase 2, mitochondrial	
Immunogen Catalog Number: AG9750	Calculated MW: 451 aa, 52 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, HepG2 cells
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse	

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

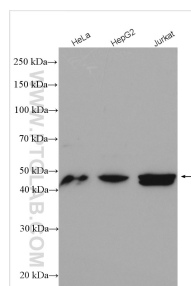
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.