10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LARS2 Rabbit pAb

LARS2 Rabbit pAb
Catalog # AP56561

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q15031
Reactivity	Rat, Human, Mouse
Predicted	Pig, Dog, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101976
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LARS2
Epitope Specificity	601-700/903
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion matrix.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a class 1 aminoacyl-tRNA synthetase, mitochondrial leucyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	23395
Other Names	Leucine--tRNA ligase, mitochondrial, 6.1.1.4, Leucyl-tRNA synthetase, LeuRS, LARS2 (HGNC:17095), KIAA0028
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LARS2 (HGNC:17095)
Synonyms	KIAA0028

Function	Catalyzes the attachment of leucine to its cognate tRNA.
Cellular Location	Mitochondrion matrix.
Tissue Location	Ubiquitously expressed, but highest expression in tissues with high metabolic rates, such as skeletal muscle, heart, and kidney.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.