

Rabbit anti-Human LARS2 Polyclonal Antibody | anti-LARS2 antibody

LARS2 Antibody (Center)

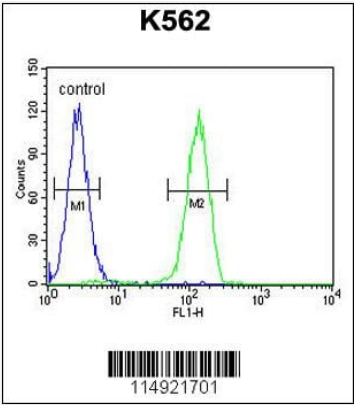
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289669	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

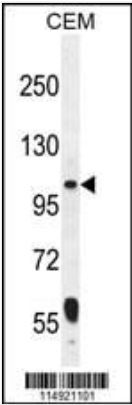
LARS2; Polyclonal Antibody; LARS2 Antibody (Center); Probable leucine--tRNA ligase; mitochondrial; Leucyl-tRNA synthetase; LeuRS; KIAA0028; anti-LARS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LARS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 418-446 amino acids from the Central region of human LARS2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	418-446
Sequence Length	903
Applicable Applications for anti-LARS2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
LARS2 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
LARS2 Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the LARS2 antibody detected the LARS2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LARS2 antibody	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.
References	Li, R., et al. Mol. Cell. Biol. 30(9):2147-2154(2010) Reiling, E., et al. Diabetologia 53(1):103-110(2010) Zhou, W., et al. Acta Biochim. Biophys. Sin. (Shanghai) 41(1):54-62(2009) Park, H., et al. RNA 14(11):2407-2416(2008) 't Hart, L.M., et al. Diabetes 54(6):1892-1895(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661872
NCBI GeneID	23395
NCBI Accession #	NP_056155.1
NCBI GenBank Nucleotide #	NM_015340.3
UniProt Accession #	Q15031
Molecular Weight	101976
NCBI Official Full Name	probable leucine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	leucyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	LARS2
NCBI Official Synonym Symbols	LEURS; PRLTS4
NCBI Protein Information	probable leucine--tRNA ligase, mitochondrial
UniProt Protein Name	Probable leucine--tRNA ligase, mitochondrial
UniProt Gene Name	LARS2
UniProt Synonym Gene Names	KIAA0028; LeuRS
UniProt Entry Name	SYLM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lars2-antibody-flow-cytometry-western-blot-elisa/289669>