

LARS2 rabbit monoclonal antibody

Catalog # H00023395-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LARS2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LARS2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LARS2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LARS2

Entrez GeneID	23395
GeneBank Accession#	LARS2
Gene Name	LARS2
Gene Alias	KIAA0028, LEURS, MGC26121
Gene Description	leucyl-tRNA synthetase 2, mitochondrial
Omim ID	604544
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	leucine tRNA ligase 2, mitochondrial leucine transylase leucine-tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Valine](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)