

LARS2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11098c**Specification**

LARS2 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q15031](#)**LARS2 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 23395**Other Names**

Probable leucine--tRNA ligase, mitochondrial, Leucyl-tRNA synthetase, LeuRS, LARS2, KIAA0028

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LARS2 Antibody (Center) Blocking peptide - 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.

LARS2 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

LARS2 Antibody (Center) Blocking peptide - Images**LARS2 Antibody (Center) Blocking peptide - Background**

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.

LARS2 Antibody (Center) Blocking peptide - 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)