

RARS2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8590b**Specification**

RARS2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q5T160](#)**RARS2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 57038**Other Names**

Probable arginine--tRNA ligase, mitochondrial, Arginyl-tRNA synthetase, ArgRS, RARS2, RARSL

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8590b](/products/AP8590b) was selected from the C-term region of human RARS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

RARS2 Antibody (C-term) Blocking Peptide - Protein Information**Name** RARS2**Synonyms** RARSL**Function**

Catalyzes the attachment of arginine to tRNA(Arg) in a two- step reaction: arginine is first activated by ATP to form Arg-AMP and then transferred to the acceptor end of tRNA(Arg).

Cellular Location

Mitochondrion membrane

RARS2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RARS2 Antibody (C-term) Blocking Peptide - Images

RARS2 Antibody (C-term) Blocking Peptide - Background

RARS2 is an arginyl-tRNA synthetase that is found in the mitochondrial matrix.

RARS2 Antibody (C-term) Blocking Peptide - References

Edvardson,S., et.al., Am. J. Hum. Genet. 81 (4), 857-862 (2007)Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007)Bonnetfond,L., et.al., Biochemistry 44 (12), 4805-4816 (2005)