

**TARSL2 Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP8654b**Specification**

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**TARSL2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [A2RTX5](#)**TARSL2 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 123283

**Other Names**

Probable threonine--tRNA ligase 2, cytoplasmic, Threonyl-tRNA synthetase, ThrRS, Threonyl-tRNA synthetase-like protein 2, TARSL2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8654b](/products/AP8654b) was selected from the C-term region of human TARSL2. 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.

**TARSL2 Antibody (C-term) Blocking Peptide - Protein Information**Name TARSL2 ([HGNC:24728](#))

Synonyms TARSL2

**Function**

Catalyzes the attachment of threonine to tRNA(Thr) in a two- step reaction: threonine is first activated by ATP to form Thr-AMP and then transferred to the acceptor end of tRNA(Thr). Also edits incorrectly charged tRNA(Thr) via its editing domain, at the post- transfer stage.

**Cellular Location**Cytoplasm {ECO:0000250|UniProtKB:Q8BLY2}. Nucleus {ECO:0000250|UniProtKB:Q8BLY2}.  
Note=Primarily cytoplasmic. Also detected at lower levels in the nucleus {ECO:0000250|UniProtKB:Q8BLY2}

## **TARSL2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **TARSL2 Antibody (C-term) Blocking Peptide - Images**