

**TRAM2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5996b****Specification**

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**TRAM2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O15035](#)  
Other Accession [NP\\_036420.1](#)

**TRAM2 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 9697

**Other Names**

Translocating chain-associated membrane protein 2, TRAM2, KIAA0057

**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.

**TRAM2 Antibody (C-term) Blocking peptide - Protein Information**

**Name** TRAM2

**Synonyms** KIAA0057

**Function**

Necessary for collagen type I synthesis. May couple the activity of the ER Ca(2+) pump SERCA2B with the activity of the translocon. This coupling may increase the local Ca(2+) concentration at the site of collagen synthesis, and a high Ca(2+) concentration may be necessary for the function of molecular chaperones involved in collagen folding. Required for proper insertion of the first transmembrane helix N-terminus of TM4SF20 into the ER lumen, may act as a ceramide sensor for regulated alternative translocation (RAT) (PubMed:<a href="http://www.uniprot.org/citations/27499293" target="\_blank">27499293</a>).

**Cellular Location**

Membrane; Multi-pass membrane protein

**TRAM2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TRAM2 Antibody (C-term) Blocking peptide - Images**