

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

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:27499293).

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