

# TRAM2 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP5996b

## **Specification**

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

Primary Accession Q15035
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

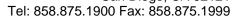
href="http://www.uniprot.org/citations/27499293" target="\_blank">27499293</a>).

#### **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