

Tram2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12725**Specification**

Tram2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O924Z5
Other Accession	NM_177409 , NP_803128
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

Tram2 Antibody - C-terminal region - Additional Information**Gene ID** 170829**Alias Symbol** C330003D03Rik**Other Names**

Translocating chain-associated membrane protein 2, Tram2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-Tram2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

Tram2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Tram2 Antibody - C-terminal region - Protein Information**Name** Tram2**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).

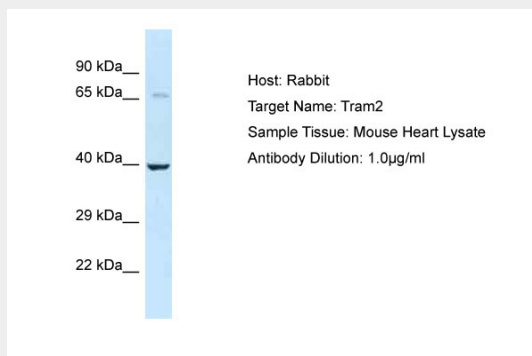
Cellular Location

Membrane; Multi-pass membrane protein

Tram2 Antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tram2 Antibody - C-terminal region - Images

Host: Rabbit
Target Name: Tram2
Sample Tissue: Mouse Heart lysates
Antibody Dilution: 1.0µg/ml