

Anti-TRAM2 Rabbit Monoclonal Antibody
Catalog # ABO13599**Specification**

Anti-TRAM2 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q15035
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-TRAM2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-TRAM2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 9697

Other Names

Translocating chain-associated membrane protein 2, TRAM2, KIAA0057

Calculated MW

43328 MW KDa

Application Details

WB 1:500-1:2000

Subcellular Localization

Membrane ; Multi-pass membrane protein.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human TRAM2

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-TRAM2 Rabbit Monoclonal Antibody - 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

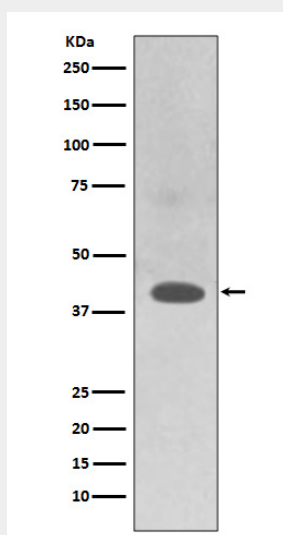
Membrane; Multi-pass membrane protein

Anti-TRAM2 Rabbit Monoclonal Antibody - 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](#)

Anti-TRAM2 Rabbit Monoclonal Antibody - Images



Western blot analysis of TRAM2 expression in HepG2 cell lysate.