

Anti-TRAM2 Rabbit Monoclonal Antibody

Catalog # ABO13599

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.

Additional Information

Gene ID	9697
Other Names	Translocating chain-associated membrane protein 2, TRAM2, KIAA0057
Calculated MW	43328
Application Details	WB 1:500-1:2000
Subcellular Localization	Membrane ; Multi-pass membrane protein.
Source	Eukaryota
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.
Clone Names	Clone: BAI-20
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.

Protein Information

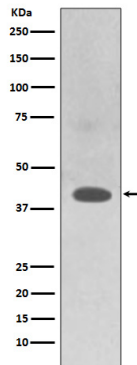
Name	TRAM2
Synonyms	KIAA0057
Function	Necessary for collagen type I synthesis. May couple the activity of the ER Ca(2+) pump SERCA2B with the activity of the translocon. This coupling may

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

Images



Western blot analysis of TRAM2 expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.