

Product Datasheet

TRAM2 Antibody

Catalog No: CY5187

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: Q15035

All Names: KIAA0057;TRAM like protein;Tram2;Translocating chain associating membrane protein 2;Translocation associated membrane protein 2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

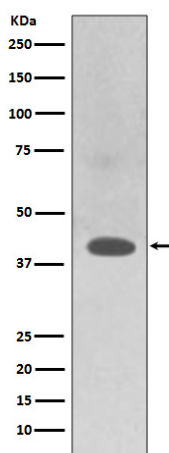
Molecular Wt.: 43 kDa

Application

WB: 1:500~1:2000

Background

TRAM2 is necessary for collagen type I synthesis. May couple the activity of the ER Ca²⁺ pump SERCA2B with the activity of the translocon. This coupling may increase the local Ca²⁺ concentration at the site of collagen synthesis, and a high Ca²⁺ concentration may be necessary for the function of molecular chaperones involved in collagen folding.



Western blot analysis of TRAM2 expression in HepG2 cell lysate.

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