

# TRAM2 Rabbit mAb

Catalog # AP77367

## Product Information

---

|                          |  |
|--------------------------|--|
| <b>Application</b>       | WB   |
| <b>Primary Accession</b> | <a href="#">Q15035</a>                         |
| <b>Reactivity</b>        | Rat, Human, Mouse                              |
| <b>Host</b>              | Rabbit   |
| <b>Clonality</b>         | Monoclonal Antibody                            |
| <b>Isotype</b>           | IgG  |
| <b>Conjugate</b>         | Unconjugated                                   |
| <b>Immunogen</b>         | A synthesized peptide derived from human TRAM2 |
| <b>Purification</b>      | Affinity Chromatography                        |
| <b>Calculated MW</b>     | 43328  |

## Additional Information

---

|                    |  |
|--------------------|--|
| <b>Gene ID</b>     | 9697   |
| <b>Other Names</b> | TRAM2  |
| <b>Dilution</b>    | WB~~1/500-1/1000   |
| <b>Format</b>      | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| <b>Storage</b>     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.           |

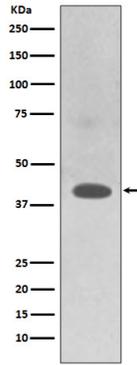
## Protein Information

---

|                          |  |
|--------------------------|--|
| <b>Name</b>              | TRAM2  |
| <b>Synonyms</b>          | KIAA0057   |
| <b>Function</b>          | 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="#">27499293</a> ). |
| <b>Cellular Location</b> | Membrane; Multi-pass membrane protein  |

# Images

---



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