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TRAM2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5996b

Specification

TRAM2 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q15035
Other Accession	NP_036420.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**43328**
Antigen Region	**342-370**

TRAM2 Antibody (C-term) - Additional Information

Gene ID 9697

Other Names
Translocating chain-associated membrane protein 2, TRAM2, KIAA0057

Target/Specificity
This TRAM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 342-370 amino acids from the C-terminal region of human TRAM2.

Dilution
WB~~1:1000
IHC-P~~1:50~100

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TRAM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAM2 Antibody (C-term) - 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).

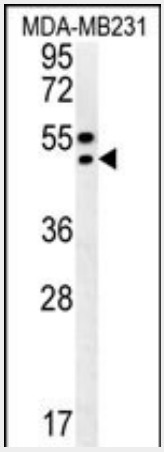
Cellular Location
Membrane; Multi-pass membrane protein

TRAM2 Antibody (C-term) - Protocols

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

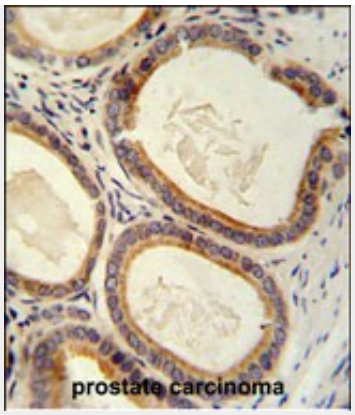
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRAM2 Antibody (C-term) - Images



TRAM2 Antibody (C-term) (Cat. #AP5996b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the TRAM2 antibody detected the TRAM2 protein (arrow).

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TRAM2 antibody (C-term) (Cat. #AP5996b) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TRAM2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.