



Datasheet for ABIN3044049
anti-TRAM1 antibody (C-Term)



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4 Images

Overview

Quantity:	100 µg
Target:	TRAM1
Binding Specificity:	AA 314-331, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Translocating chain-associated membrane protein 1(TRAM1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human TRAM1(314-331aa KFINFQLRRWREHSFQA), identical to the related rat and mouse sequences.
Sequence:	KFINFQLRRW REHSFQA
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.

Product Details

Characteristics: Rabbit IgG polyclonal antibody for Translocating chain-associated membrane protein 1 (TRAM1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat.
Gene Name: translocation associated membrane protein 1
Protein Name: Translocating chain-associated membrane protein 1

Purification: Immunogen affinity purified.

Target Details

Target: TRAM1

Alternative Name: TRAM1 ([TRAM1 Products](#))

Background: TRAM1 (Translocation-Associating Membrane Protein 1), By crosslinking and reconstitution of canine proteoliposomes, followed by microsequencing and PCR screening of canine kidney and HeLa cell cDNA libraries, Gorlich et al. (1992) isolated cDNAs encoding TRAM (translocating chain-associating membrane protein). The International Radiation Hybrid Mapping Consortium mapped the TRAM gene to chromosome 8. Sequence analysis predicted that human TRAM is a 374-amino acid, 8-pass transmembrane protein that shares 95 % amino acid identity with the canine protein. Functional analysis indicated that TRAM influences glycosylation and is stimulatory or required for the translocation of secretory proteins.

Synonyms: PNAS 8 antibody|PNAS8 antibody|PRO1292 antibody|TRAM 1 antibody|TRAM antibody|TRAMP antibody|Translocating chain associated membrane protein 1 antibody|Translocating chain associating membrane protein antibody|Translocation associated membrane protein 1 antibody|Translocation associating membrane protein 1 antibody

UniProt: [Q15629](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, The detection limit for TRAM1 is approximately 1 ng/lane under reducing conditions.
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
IHC-F: Concentration: 0.5-1 µg/mL, Tested Species: Rat, Predicted Species: Human, Mouse
ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Mouse, Rat
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be

Application Details

fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P), IHC(F)and ICC.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Thimerosal, 0.05 mg Sodium azide.

Preservative: Thimerosal (Merthiolate), Sodium azide

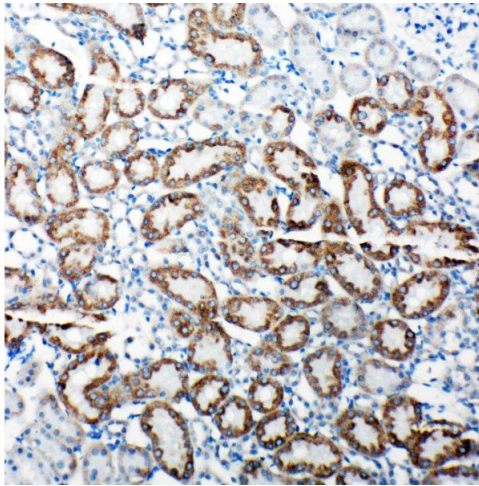
Precaution of Use: This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

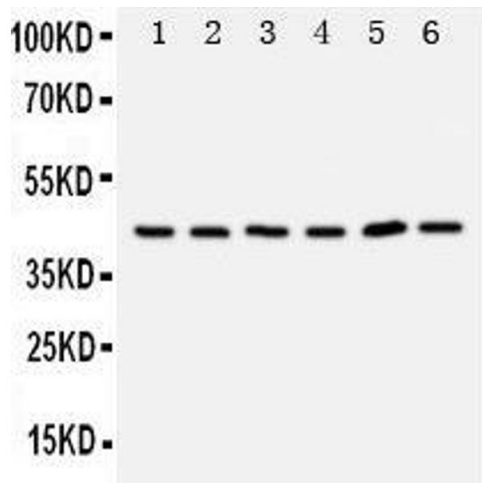
Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Expiry Date: 12 months



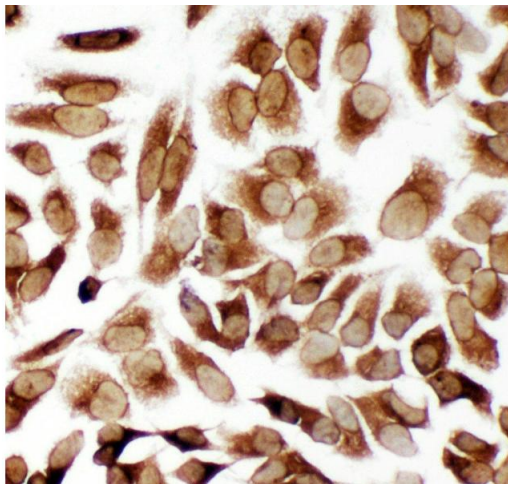
Immunohistochemistry

Image 1. Anti-TRAM1 antibody, IHC(P) IHC(P): Rat Kidney Tissue



Western Blotting

Image 2. Anti-TRAM1 antibody, Western blotting Lane 1: Rat Brain Tissue Lysate Lane 2: Rat Kidney Tissue Lysate Lane 3: 293T Cell Lysate Lane 4: RAJI Cell Lysate Lane 5: JURKAT Cell Lysate



Immunohistochemistry

Image 3. Anti-TRAM1 antibody, ICC ICC: HELA Cell

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3044049.