

Rabbit anti-Human TRAM1 Polyclonal Antibody | anti-TRAM1 antibody

TRAM1 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258287	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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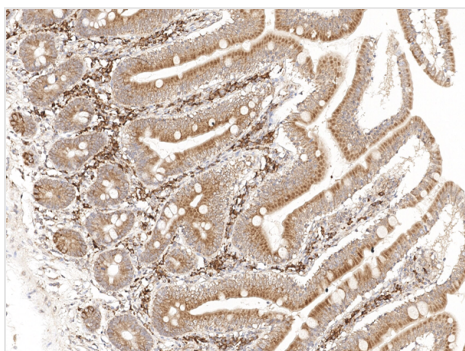
PRODUCT SYNONYMS

TRAM1; Polyclonal Antibody; TRAM1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-TRAM1 Antibody; Rabbit Polyclonal; translocation associated membrane protein 1; Anti-PNAS8 Antibody; Anti-TRAM Antibody; Anti-TRAMP Antibody; anti-TRAM1 antibody

PRODUCT SPECIFICATIONS

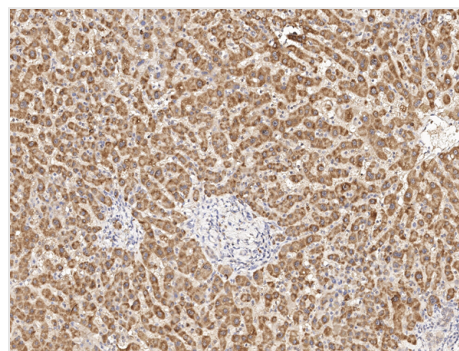
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TRAM1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TRAM1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TRAM1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TRAM1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human TRAM1 in human small intestine with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TRAM1 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TRAM1 antibody	Background: Translocation associated membrane protein 1 (TRAM1), an adapter protein, participates in a variety of transduction pathways and mediates biological functions such as cell proliferation, activation, and differentiation. As a protein involved in the translocation of nascent polypeptides, TRAM1 functions as a sorting adaptor of TLR4. TRAM1 is an ER protein initially characterized for its role in processing nascent polypeptides. Co-immunoprecipitation studies demonstrated that TRAM1 can complex with the wild type US2 and US11 proteins as well as deglycosylated and polyubiquitinated class I degradation intermediates. TRAM1 could promote microglial M1 polarization. TRAM1 could take part in chronic constriction injury (CCI)-induced pain and might be a potential treatment for chronic neuropathic pain.
References	Yin D, et al. (2018) Translocation associated membrane protein 1 contributes to chronic constriction injury-induced neuropathic pain in the dorsal root ganglion and spinal cord in rats. J Mol Neurosci 66 (4): 535-546.Wang H, et al. (2016) Tram1 promotes microglia m1 polarization. J Mol Neurosci 58 (2): 287-296.Oresic K, et al. (2009) Tram1 participates in human cytomegalovirus us2- and us11-mediated dislocation of an endoplasmic reticulum membrane glycoprotein. J Biol Chem 284 (9): 5905-5914.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tram1-antibody-immunohistochemistry-elisa/258287>