

Anti-TRAM2 Antibody Picoband® HRP Conjugated

Catalog Number: PA2011-HRP

About Tram2

TRAM2 (Translocation-Associating Membrane Protein 2), also called KIAA0057, is a protein that in humans is encoded by the TRAM2 gene. TRAM2 is a component of the translocon, a gated macromolecular channel that controls the posttranslational processing of nascent secretory and membrane proteins at the endoplasmic reticulum (ER) membrane. By genomic sequence analysis, Onuchic et al. (1999) mapped the TRAM2 gene to chromosome 6p21.1-p12 near the PKHD1 gene. Upon activation, quiescent hepatic stellate cells proliferate, change morphologically into myofibroblasts, and increase their synthesis of extracellular matrix proteins. Stefanovic et al. (2004) demonstrated that both TRAM2 and collagen type I are upregulated in activated rat and human hepatic stellate cells.

Overview

Product Name	Anti-TRAM2 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q924Z5

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse TRAM2, identical to the related rat sequence, and different from the related human sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users.

Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.
ELISA, Optimal dilutions should be determined by end users.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-TRAM2 Antibody - HRP

For Research Use Only. Not for use in diagnostic procedures.