Datasheet for ABIN7601472

anti-RG9MTD1 antibody (AA 36-340)

Go to Product page

Overview

Quantity:	100 µg
Target:	RG9MTD1
Binding Specificity:	AA 36-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RG9MTD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TRMT10C Antibody Picoband®
Immunogen:	E.coli-derived human TRMT10C recombinant protein (Position: L36-K340).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TRMT10C Antibody Picoband® (ABIN7601472). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	RG9MTD1
Alternative Name:	TRMT10C (RG9MTD1 Products)
Background:	Synonyms: Peflin, PEF protein with a long N-terminal hydrophobic domain, Penta-EF hand domain-containing protein 1, PEF1, ABP32, UNQ1845, PRO3573 Tissue Specificity: Pre-B-cells and B-cells but not terminally differentiated plasma cells. Background: This gene encodes the precursor of a subunit of the mitochondrial ribonuclease P, which is involved in 5' processing of mitochondrial tRNAs. The encoded protein may confer RNA-binding capacity to mitochondrial ribonuclease P and may be essential for transcript processing, RNA modification, translation and mitochondrial respiration.
Molecular Weight:	40-45 kDa
Gene ID:	54931
UniProt:	Q7L0Y3

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Brzezniak, L. K., Bijata, M., Szczesny, R. J., Stepien, P. P. Involvement of human ELAC2 gene product in 3-prime end processing of mitochondrial tRNAs. RNA Biol. 8: 616-626, 2011. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 9/20/2013. 3. Holzmann, J., Frank, P., Loffler, E., Bennett, K. L., Gerner, C., Rossmanith, W. RNase P without RNA: identification and functional reconstitution of the human mitochondrial tRNA processing enzyme. Cell 135: 462-474, 2008. and SI.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.