Datasheet for ABIN7602138

anti-TRMT6 antibody (AA 6-489)

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Overview

Quantity:	100 µg
Target:	TRMT6
Binding Specificity:	AA 6-489
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRMT6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-TRMT6 Antibody Picoband®
Immunogen:	E.coli-derived human TRMT6 recombinant protein (Position: E6-K489).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-TRMT6 Antibody Picoband® (ABIN7602138). 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:	TRMT6
Alternative Name:	TRMT6 (TRMT6 Products)
Background:	Synonyms: Follicular dendritic cell secreted peptide,FDC secreted protein,FDC-SP,FDCSP,C4orf7,UNQ733/PRO1419, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: This gene encodes a member of the tRNA methyltransferase 6 protein family. A similar protein in yeast is part of a two component methyltransferase, which is involved in the posttranslational modification that produces the modified nucleoside 1-methyladenosine in tRNAs. Modified 1-methyladenosine influences initiator methionine stability and may be involved in the replication of human immunodeficiency virus type 1. Alternative splicing results in multiple transcript variants.
Molecular Weight:	60 kDa
Gene ID:	51605

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 1-2 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. Wang, Y. , Huang, Q. , Deng, T. , Li, B. H. , & Ren, X. Q. . (2019). Clinical significance of trmt6 in hepatocellular carcinoma: a bioinformatics-based study. Medical Science Monitor, 25, 3894-3901. 2. Finermoore, J. , Czudnochowski, N. , O'Connell, J. D. , Wang, A. L. , & Stroud, R. M. . (2015). Crystal structure of the human trna m1a58 methyltransferase-trna3lys complex: refolding of substrate trna allows access to the methylation target. Journal of Molecular Biology, 427(24), 3862-3876. 3. Wang, Y. , Wang, J. , Li, X. , Xiong, X. , Wang, J. , & Zhou, Z. , et al. N 1-methyladenosine methylation in trna drives liver tumourigenesis by regulating cholesterol metabolism. Nature communications, 12(1), 6314.
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
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.