

Datasheet for ABIN7599456
anti-TRMT2B antibody (AA 1-504)



[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | TRMT2B |
| Binding Specificity: | AA 1-504 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRMT2B antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF) |

Product Details

| | |
|-----------------------------|---|
| Purpose: | Anti-TRMT2B Antibody Picoband® |
| Immunogen: | E.coli-derived human TRMT2B recombinant protein (Position: M1-R504). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins. |
| Characteristics: | Anti-TRMT2B Antibody Picoband® (ABIN7599456). Tested in ELISA, Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. 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: | TRMT2B |
| Alternative Name: | TRMT2B (TRMT2B Products) |
| Background: | <p>Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: This gene encodes a homolog of the TRM2 gene in <i>S. cerevisiae</i>. The yeast gene encodes a tRNA methyltransferase that plays a role in tRNA maturation. The yeast protein also has endo-exonuclease activity and may be involved in DNA double strand break repair.</p> <p>Alternative splicing results in multiple transcripts encoding different isoforms.</p> |
| Molecular Weight: | 47 kDa |
| Gene ID: | 79979 |

Application Details

| | |
|--------------------|---|
| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Minczuk, M. , & Powell, C. A. . Trmt2b is responsible for both trna and rrna m5u-methylation in human mitochondria. 2. Dai, W. , Li, A. , Yu, N. J. , Nguyen, T. , Leach, R. W. , & M Wühr, et al. Activity-based rna-modifying enzyme probing reveals dus3l-mediated dihydrouridylation. Nature chemical biology. 3. Daakour, S. , Hajingabo, L. J. , Kerselidou, D. , Devresse, A. , Kettmann, R. , & Simonis, N. , et al. (2016). Systematic interactome mapping of acute lymphoblastic leukemia cancer gene products reveals ext-1 tumor suppressor as a notch1 and fbwx7 common interactor. BMC Cancer.</p> |
| 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 Na ₂ HPO ₄ . |
| 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. |