

Datasheet for ABIN7599913
anti-METTL17 antibody (AA 129-429)



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Overview

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| Quantity: | 100 µg |
| Target: | METTL17 |
| Binding Specificity: | AA 129-429 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This METTL17 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF) |

Product Details

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| Purpose: | Anti-METTL17 Antibody Picoband® |
| Immunogen: | E.coli-derived human METTL17 recombinant protein (Position: K129-R429). Human METTL17 shares 86.8% amino acid (aa) sequence identity with mouse METTL17. |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross reactivity with other proteins. |
| Characteristics: | Anti-METTL17 Antibody Picoband® (ABIN7599287). Tested in WB, ICC/IF, ELISA 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

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| Target: | METTL17 |
| Alternative Name: | METTL17 (METTL17 Products) |
| Background: | <p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: METT11D1 is an ortholog of Rsm22, a yeast gene encoding a mitochondrial ribosomal small subunit.</p> |
| Molecular Weight: | 64 kDa |
| Gene ID: | 64745 |
| UniProt: | Q9H7H0 |

Application Details

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| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 11/17/2014. 2. Smits, P., Rodenburg, R. J., Smeitink, J. A. M., van den Heuvel, L. P. Sequence variants in four candidate genes (NIPSNAP1, GBAS, CHCHD1 and METT11D1) in patients with combined oxidative phosphorylation system deficiencies. J. Inherit. Metab. Dis. 33: S13-S19, 2010.</p> |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
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Handling

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| 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 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. |