

Datasheet for ABIN7600565  
**anti-METT5D1 antibody (AA 200-407)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	METT5D1
Binding Specificity:	AA 200-407
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METT5D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Anti-METT5D1/METTL15 Antibody Picoband®
Immunogen:	E.coli-derived human METT5D1/METTL15 recombinant protein (Position: R200-L407). Human METTL15 shares 87% amino acid (aa) sequence identity with mouse METTL15.
Characteristics:	Anti-METT5D1/METTL15 Antibody Picoband® (ABIN7600565). Tested in WB, ELISA 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:	METT5D1
Alternative Name:	METTL15 ( <a href="#">METT5D1 Products</a> )
Background:	Predicted to enable rRNA (cytosine-N4-)-methyltransferase activity. Predicted to be involved in rRNA base methylation. Predicted to be located in mitochondrial matrix. Predicted to be integral component of membrane.
Molecular Weight:	46 kDa
Gene ID:	196074
UniProt:	<a href="#">P0C7V9</a>

## Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Chen, H., Shi, Z., Guo, J., Chang, K. J., Chen, Q., Yao, C. H., Haigis, M. C., Shi, Y. The human mitochondrial 12S rRNA m4C methyltransferase METTL15 is required for mitochondrial function. J. Biol. Chem. 295: 8505-8513, 2020. 2. Gross, M. B. Personal Communication. Baltimore, Md. 12/19/2019. 3. Itoh, Y., Khawaja, A., Laptev, I., Cipullo, M., Atanassov, I., Sergiev, P., Rorbach, J., Amunts, A. Mechanism of mitoribosomal small subunit biogenesis and preinitiation. Nature 606: 603-608, 2022.
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.