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Datasheet for ABIN7160789

anti-METTL11A antibody (N-Term)

Overview

Quantity:	100 µg
Target:	METTL11A
Binding Specificity:	AA 1-223, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL11A antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human N-terminal Xaa-Pro-Lys N-methyltransferase 1 protein (1-223AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	METTL11A
Alternative Name:	NTMT1 (METTL11A Products)
Background:	Background: Distributive alpha-N-methyltransferase that methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]-Pro-Lys when the initiator Met is cleaved.

Target Details

Specifically catalyzes mono-, di- or tri-methylation of exposed alpha-amino group of Ala or Ser residue in the [Ala/Ser]-Pro-Lys motif and mono- or di-methylation of Pro in the Pro-Pro-Lys motif. Some of the substrates may be primed by METTL11B-mediated monomethylation. Responsible for the N-terminal methylation of KLHL31, MYL2, MYL3, RB1, RCC1, RPL23A and SET. Required during mitosis for normal bipolar spindle formation and chromosome segregation via its action on RCC1.

Aliases: AD 003 antibody, Alpha N-terminal protein methyltransferase 1A antibody, C9orf32 antibody, Chromosome 9 open reading frame 32 antibody, Methyltransferase like 11A antibody, Methyltransferase-like protein 11A antibody, Mettl11a antibody, N-terminal RCC1 methyltransferase antibody, NRMT antibody, NTM1A antibody, NTM1A_HUMAN antibody, NTMT1 antibody, X-Pro-Lys N-terminal protein methyltransferase 1A antibody

UniProt: [Q9BV86](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.