



METTL11A Mouse mAb

Catalog No	YP-mAb-18847
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NTMT1 C9orf32 METTL11A NRMT AD-003
Immunogen	Synthesized peptide derived from human METTL11A
Specificity	This antibody detects endogenous levels of METTL11A at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AD 003;AD-003;Alpha N-terminal protein methyltransferase 1A;C9orf32; EC:2.1.1.244;NTMT1 C9orf32 METTL11A NRMT AD-003;N-terminal Xaa-Pro-Lys N-methyltransferase 1 (Alpha N-terminal protein methyltransferase 1A) (Methyltransferase-like protein 11A) (N-terminal RCC1 methyltransferase) (X-Pro-Lys N-terminal protein methyltransferase 1A) (NTM1A)
Observed Band	16 kDa, 26 kDa
Calculated Molecular Weight	223 aa, 25 kDa
Cell Pathway	Nucleus . Predominantly nuclear (PubMed:24090352).
Tissue Specificity	
Function	Distributive alpha-N-methyltransferase that methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Gly/Pro/Ser]-Pro-Lys when the initiator Met is cleaved. Specifically catalyzes mono-, di- or tri-methylation of the exposed alpha-amino group of the Ala, Gly or Ser residue in the [Ala/Gly/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 NTMT2-mediated monomethylation . Catalyzes the trimethylation of the N-terminal Gly in CENPA (after removal of Met-1). 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.

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images