



## N6AMT1 Mouse mAb

<b>Catalog No</b>	YP-mAb-18846
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB
<b>Gene Name</b>	N6AMT1 C21orf127 HEMK2 PRED28
<b>Protein Name</b>	HemK methyltransferase family member 2 (M.HsaHemK2P) (N(6)-adenine-specific DNA methyltransferase 1)
<b>Immunogen</b>	Synthesized peptide derived from human N6AMT1
<b>Specificity</b>	This antibody detects endogenous levels of N6AMT1 at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal,Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	24kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Widely expressed, with highest expression in parathyroid and pituitary glands, followed by adrenal gland and kidney, and lowest expression in leukocytes and mammary gland.
<b>Function</b>	Methyltransferase that can methylate proteins and, to a lower extent, arsenic . Catalytic subunit of a heterodimer with TRMT112, which monomethylates 'Lys-12' of histone H4 (H4K12me1), a modification present at the promoters of numerous genes encoding cell cycle regulators . Catalytic subunit of a heterodimer with TRMT112, which catalyzes N5-methylation of Glu residue of proteins with a Gly-Gln-Xaa-Xaa-Xaa-Arg motif . Methylates ETF1 on 'Gln-185'; ETF1 needs to be complexed to ERF3 in its GTP-bound form to be efficiently methylated . May also play a role in the modulation of arsenic-induced toxicity by mediating the conversion of monomethylarsonous acid (3+) into the less toxic dimethylarsonic acid . It however only plays a limited role in arsenic metabolism compared with AS3MT .



## 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