



N6AMT1 Rabbit pAb

Catalog No	YP-Ab-18846
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	N6AMT1 C21orf127 HEMK2 PRED28
Immunogen	Synthesized peptide derived from human N6AMT1
Specificity	This antibody detects endogenous levels of N6AMT1 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit 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	C21orf127;EC:2.1.1.-;HemK methyltransferase family member 2;HEMK2;KMT9; N6AMT1 C21orf127 HEMK2 PRED28;HemK methyltransferase family member 2 (M.HsaHemK2P) (N(6)-adenine-specific DNA methyltransferase 1)
Observed Band	23 kDa
Calculated Molecular Weight	186 aa, 20 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed, with highest expression in parathyroid and pituitary glands, followed by adrenal gland and kidney, and lowest expression in leukocytes and mammary gland.
Function	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