



METL8 mouse mAb

Catalog No	BYmab-17278
Isotype	IgG
Reactivity	Human, Mouse
Applications	WB
Gene Name	METTL8
Protein Name	Methyltransferase-like protein 8 (EC 2.1.1.-)
Immunogen	Synthesized peptide derived from human C-terminal METL8
Specificity	This antibody detects endogenous levels of METL8 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse, Monoclonal
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	Methyltransferase-like protein 8 (EC 2.1.1.-)
Observed Band	
Cell Pathway	Mitochondrion . Mitochondrial protein: the cytoplasmic or nuclear localization observed by some groups is either the result of an incorrect localization caused by N-terminal tagging that interferes with mitochondrial targeting, or splice isoforms that lack the N-terminal mitochondrial transit sequence. .
Tissue Specificity	
Function	Mitochondrial S-adenosyl-L-methionine-dependent methyltransferase that mediates N(3)-methylcytidine modification of residue 32 of the tRNA anticodon loop of mitochondrial tRNA(Ser)(UCN) and tRNA(Thr) . N(3)-methylcytidine methylation modification regulates mitochondrial translation efficiency and is required for activity of the respiratory chain . N(3)-methylcytidine methylation of mitochondrial tRNA(Ser)(UCN) requires the formation of N(6)-dimethylallyl-adenosine(37) (i6A37) by TRIT1 as prerequisite . May also mediate N(3)-methylcytidine modification of mRNAs . The existence of N(3)-methylcytidine modification on mRNAs is however unclear, and additional evidences are required to confirm the role of the N(3)-methylcytidine-specific

Nanjing BYabscience technology Co.,Ltd



mRNA methyltransferase activity of METTL8 in vivo .

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

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658