



NSUN6 mouse mAb

Catalog No	YP-mAb-17692
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NSUN6 NOPD1
Immunogen	Synthesized peptide derived from human NSUN6
Specificity	This antibody detects endogenous levels of NSUN6 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.600% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.1.1.-;NOL1/NOP2/Sun and PUA domain-containing protein 1;NOPD1; tRNA (cytosine(72)-C(5))-methyltransferase NSUN6;CCBR1;Cysteine/glutamate transporter;SLC7A11;solute carrier family 7;xCT;NSUN6 NOPD1;Putative methyltransferase NSUN6 (EC 2.1.1.-) (NOL1P2/Sun and PUA domain-containing protein 1) (NOL1P2/Sun domain family member 6)
Observed Band	52-55 kDa
Calculated Molecular Weight	469 aa, 52 kDa
Cell Pathway	Cytoplasm .
Tissue Specificity	
Function	S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates the C5 position of cytosine 72 in tRNA(Thr)(TGT) and tRNA(Cys) (GCA) . In vitro also methylates tRNA(Thr)(AGT) . Methylation requires, in the acceptor stem region, the presence of the 3'-CCA terminus, the target site C72, the discriminator base U73, and the second and third base pairs (2:71 and 3:70) in the tRNA substrates .
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