

TYW2 rabbit pAb

Catalog No :	YT7332
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	TYW2
Gene Name :	TRMT12 TRM12 TYW2
Protein Name :	TYW2
Human Gene Id :	55039
Human Swiss Prot No :	Q53H54
Mouse Gene Id :	68260
Mouse Swiss Prot No :	Q8BG71
Rat Gene Id :	314999
Rat Swiss Prot No :	Q4V8B8
Immunogen :	Synthesized peptide derived from human TYW2 AA range: 11-61
Specificity :	This antibody detects endogenous levels of TYW2 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

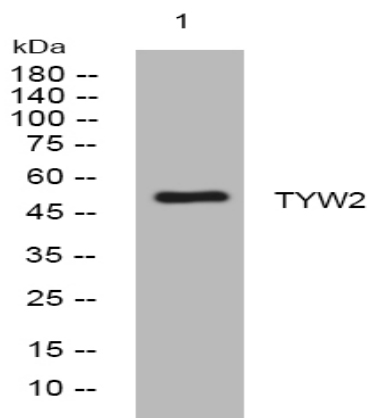
Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 49kD

Background : Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TRMT12 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM, Mar 2008],

Function : function:Probable S-adenosyl-L-methionine-dependent methyltransferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA.,pathway:tRNA modification; wybutosine-tRNA(Phe) biosynthesis.,sequence caution:Contaminating sequence. Potential poly-A sequence starting in position 371.,sequence caution:Translation N-terminally shortened.,similarity:Belongs to the RNA methyltransferase trmD family. TYW2 subfamily.,

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Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night