

Product datasheet for **TA346865**

TRMT5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TRMT5 antibody: synthetic peptide directed towards the middle region of human TRMT5. Synthetic peptide located within the following region: EMLCITFQIPASVLYKNQTRNPENHEDPPLKRQRTAEAFSDEKTQIVSNT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	tRNA methyltransferase 5
Database Link:	NP_065861 Entrez Gene 57570 Human Q32P41



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Background:

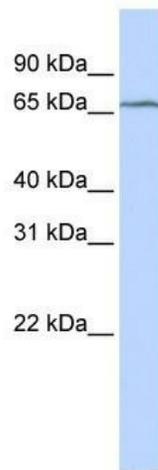
tRNAs contain as many as 13 or 14 nucleotides that are modified posttranscriptionally by enzymes that are highly specific for particular nucleotides in the tRNA structure. TRMT5 methylates the N1 position of guanosine-37 (G37) in selected tRNAs using S-adenosyl methionine (Brule et al., 2004 [PubMed 15248782]). [supplied by OMIM, Mar 2008]. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. ##Evidence-Data-START## Transcript exon combination :: BC136606.1, AK293158.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025082, ERS025083 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

Synonyms:

COXPD26; KIAA1393; TRM5

Note:

Immunogen Sequence Homology: Human: 100%; Dog: 85%; Horse: 83%; Rat: 82%; Pig: 77%; Bovine: 77%; Rabbit: 75%

Product images:

WB Suggested Anti-TRMT5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: MCF7 cell lysate TRMT5 is supported by BioGPS gene expression data to be expressed in MCF7