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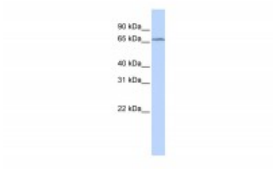
TRMT5 Antibody

CATALOG NUMBER: 26-357



Antibody used in WB on Human MCF-7 at 0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	TRMT5 antibody can be used for detection of TRMT5 by ELISA at 1:62500. TRMT5 antibody can be used for detection of TRMT5 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1219 - MCF7 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	58 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TRMT5.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store TRMT5 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TRMT5, KIAA1393, MGC111453, TRM5
ACCESSION NO.:	NP_065861
PROTEIN GI NO.:	145275187

OFFICIAL SYMBOL:	TRMT5
GENE ID:	57570

Background

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.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]).
REFERENCES:	1) Brule, H., (2004) Biochemistry 43 (28), 9243-9255.

FOR RESEARCH USE ONLY

December 12, 2016