

Datasheet for ABIN2783538
anti-TRMT5 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

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| Quantity: | 100 µL |
| Target: | TRMT5 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Rat, Horse, Rabbit, Cow, Dog, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRMT5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human TRMT5 |
| Sequence: | EMLCITFQIP ASVLYKNQTR NPENHEDPPL KRQRTAEAFS DEKTQIVSNT |
| Predicted Reactivity: | Cow: 77%, Dog: 85%, Horse: 83%, Human: 100%, Pig: 77%, Rabbit: 75%, Rat: 82% |
| Characteristics: | This is a rabbit polyclonal antibody against TRMT5. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | TRMT5 |
| Alternative Name: | TRMT5 (TRMT5 Products) |

Target Details

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| Background: | <p>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]).[supplied by OMIM].</p> <p>Alias Symbols: KIAA1393, MGC111453, TRM5</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 509</p> |
| Molecular Weight: | 58 kDa |
| Gene ID: | 57570 |
| NCBI Accession: | NM_020810 , NP_065861 |
| UniProt: | Q32P41 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 509 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. 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