

Datasheet for ABIN2783515
anti-TRMU antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TRMU
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Dog, Rabbit, Rat, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRMU antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TRMU
Sequence:	ALATGQFAVF YKGDECLGSG KILRLGPSAY TLQKGQRRAG MATESPSDSP
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRMU. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRMU
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Target Details

Alternative Name:	TRMU (TRMU Products)
Background:	<p>TRMU is a member of the trmU family. It is a mitochondria-specific tRNA-modifying enzyme that is required for the 2-thio modification of 5-taurinomethyl-2-thiouridine tRNA-Lys on the wobble position of the anticodon. This gene is a member of the trmU family. It encodes a mitochondria-specific tRNA-modifying enzyme that is required for the 2-thio modification of 5-taurinomethyl-2-thiouridine tRNA-Lys on the wobble position of the anticodon.</p> <p>Alias Symbols: MGC99627, MTO2, MTU1, TRMT, TRMT1, TRNT1</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 421</p>
Molecular Weight:	48 kDa
Gene ID:	55687
NCBI Accession:	NM_018006 , NP_060476
UniProt:	O75648

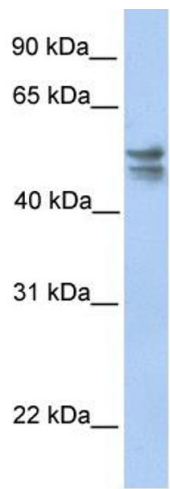
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 421 AA
Restrictions:	For Research Use only

Handling

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
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.



Western Blotting

Image 1. WB Suggested Anti-TRMU Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate TRMU is supported by BioGPS gene expression data to be expressed in HeLa