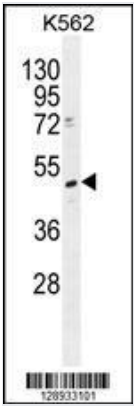
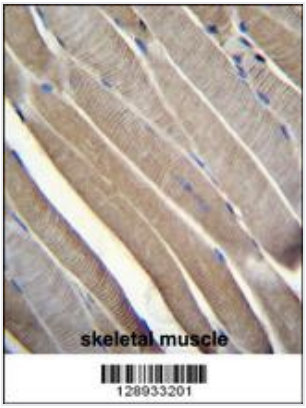
TRMT2B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRMT2B, Polyclonal Antibody
Full Product Name	TRMT2B, NT (TRMT2B, CXorf34, tRNA (uracil(54)-C(5))-methyltransferase homolog, TRM2 homolog) (APC)
Product Gene Name	anti-TRMT2B antibody
Product Synonym Names	TRMT2B; CXorf34; tRNA (uracil(54)-C(5))-methyltransferase homolog; TRM2 homolog
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
3D Structure	ModBase 3D Structure for Q96GJ1
Immunogen	TRMT2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-172 amino acids from the N-terminal region of human TRMT2B.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-TRMT2B antibody	Antibodies; Enzymes; Methyltransferase
Applications Tested/Suitable for anti-TRMT2B antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-TRMT2B antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-TRMT2B antibody	This gene encodes a homolog of the TRM2 gene in S. cerevisiae. The yeast gene encodes a tRNA methyltransferase that plays a role in tRNA maturation. The yeast protein also has endo-exonuclease activity and may be involved in DNA double strand break repair. Alternative splicing results in multiple transcripts encoding different isoforms.
Product References and Citations for anti-TRMT2B antibody	Kimura, K., et al. Genome Res. 16(1):55-65(2006).
Other Notes	Small volumes of anti-TRMT2B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRMT2B purchase	MBS6358738 is an antibody targeting TRMT2B. Also known as TRMT2B, NT (TRMT2B, CXorf34, tRNA (uracil(54)-C(5))-methyltransferase homolog, TRM2 homolog) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TRMT2B antibody
TRMT2B Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the TRMT2B antibody detected the TRMT2B protein (arrow).



Immunohistochemistry (IHC) of anti-TRMT2B antibody
TRMT2B Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TRMT2B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRMT2B. It may not necessarily be applicable to this product.

NCBI GI #	269784678
NCBI GeneID	79979
NCBI Accession #	NP_001161443.1
NCBI Related Accession #	NP_079193.2
UniProt Primary Accession #	Q96GJ1
UniProt Related Accession #	Q96GJ1
GenBank Nucleotide #	NP_001161443.1
NCBI Official Full Name	tRNA (uracil(54)-C(5))-methyltransferase homolog isoform b
NCBI Official Synonym Full Names	tRNA methyltransferase 2 homolog B
NCBI Official Symbol	TRMT2B
NCBI Official Synonym Symbols	CXorf34; dJ341D10.3
UniProt Protein Name	tRNA (uracil(54)-C(5))-methyltransferase homolog
UniProt Synonym Protein Names	TRM2 homolog
Protein Family	tRNA
UniProt Gene Name	TRMT2B
UniProt Synonym Gene Names	CXorf34
UniProt Entry Name	TRM2_HUMAN
NCBI Protein Information	tRNA (uracil(54)-C(5))-methyltransferase homolog
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