



[Go to Product page](#)

Datasheet for ABIN7271001  
**anti-TRMT112 antibody (AA 1-125)**

1 Image

Overview

Quantity:	100 µL
Target:	TRMT112
Binding Specificity:	AA 1-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRMT112 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TRMT112 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human TRMT112 (NP_057488.1).
Sequence:	MKLLTHNLLS SHVRGVGSRG FPLRLQATEV RICPVEFNPN FVARMIPKVE WSAFLEAADN LRLIQVPKGP VEGYEENEFF LRTMHLLLE VEIEGTLQC PESGRMFPI S RGIPNMLLSE EETES
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

---

Target:	TRMT112
Alternative Name:	TRMT112 ( <a href="#">TRMT112 Products</a> )
Background:	Acts as an activator of both rRNA/tRNA and protein methyltransferases. Together with methyltransferase BUD23, methylates the N(7 position of a guanine in 18S rRNA. The heterodimer with HEMK2/N6AMT1 catalyzes N5-methylation of ETF1 on 'Gln-185', using S-adenosyl L-methionine as methyl donor. The heterodimer with HEMK2/N6AMT1 also monomethylates 'Lys-12' of histone H4 (H4K12me1. The heterodimer with ALKBH8 catalyzes the methylation of 5-carboxymethyl uridine to 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in target tRNA species. Involved in the pre-rRNA processing steps leading to small-subunit rRNA production. Together with methyltransferase METTL5, specifically methylates the 6th position of adenine in position 1832 of 18S rRNA.,TRMT112,HSPC152,HSPC170,TRM112,TRMT11-2,hTrm112,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,TRMT112
Molecular Weight:	13kDa/14kDa
Gene ID:	51504
UniProt:	<a href="#">Q9UI30</a>

## Application Details

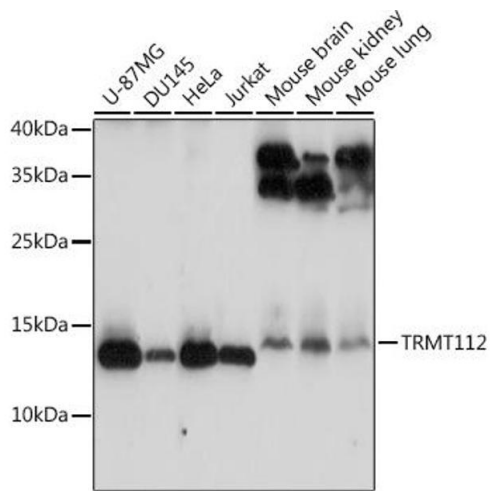
---

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using TRMT112 antibody (ABIN7271001) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.