

Anti-TRMT12 antibody ab113103

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Overview

Product name	Anti-TRMT12 antibody
Description	Rabbit polyclonal to TRMT12
Host species	Rabbit
Specificity	ab113103 is predicted to not cross-react with other TRMT protein family members. At least two isoforms of TRMT12 are known to exist, ab113013 will detect both isoforms.
Tested applications	Suitable for: WB, ICC
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide containing a 19 amino acid sequence from the N terminal region of Human TRMT12 (Q53H54).
Positive control	K562 cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
Purity	Immunogen affinity purified
Purification notes	ab113103 is purified by affinity chromatography via a peptide column.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab113103 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 50 kDa.
ICC		Use a concentration of 10 µg/ml.

Target

Function

Probable S-adenosyl-L-methionine-dependent methyltransferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA.

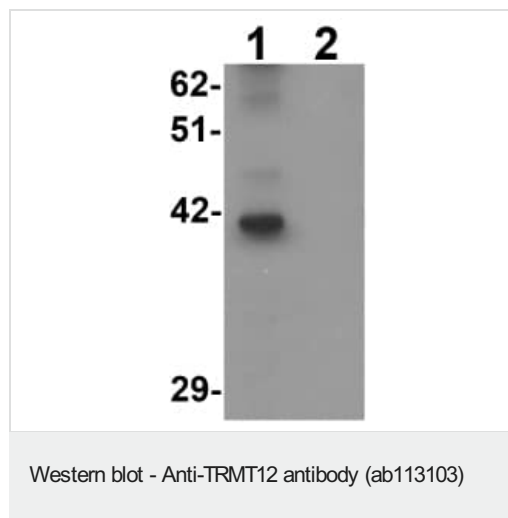
Pathway

tRNA modification; wybutosine-tRNA(Phe) biosynthesis.

Sequence similarities

Belongs to the RNA methyltransferase trmD family. TYW2 subfamily.

Images



All lanes : Anti-TRMT12 antibody (ab113103) at 0.5 µg/ml

Lane 1 : K562 cell lysate

Lane 2 : K562 cell lysate with blocking peptide

Lysates/proteins at 15 µg per lane.

Predicted band size: 50 kDa



Immunocytochemical analysis of K562 cells, staining TRMT12 with ab113103 at 10 µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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