

Datasheet for ABIN2779088  
**anti-Trnt1 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	Trnt1
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit, Mouse, Rat, Cow, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Trnt1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TRNT1
Sequence:	PQDIDFATTA TPTQMKEMFQ SAGIRMINNR GEKHGTITAR LHEENFEITT
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against TRNT1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	Trnt1
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## Target Details

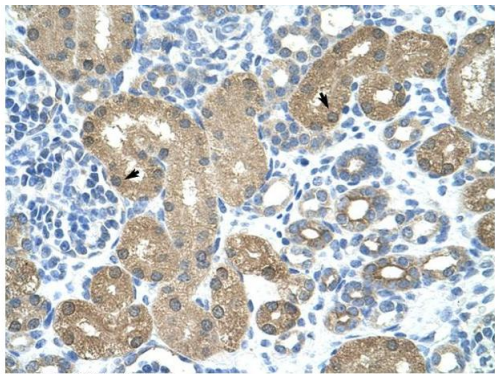
Alternative Name:	TRNT1 ( <a href="#">Trnt1 Products</a> )
Background:	<p>TRNT1 belongs to the tRNA nucleotidyltransferase/poly(A) polymerase family. It adds and repairs the conserved 3'-CCA sequence necessary for the attachment of amino acids to the 3' terminus of tRNA molecules, using CTP and ATP as substrates.</p> <p>Alias Symbols: CCA1, MtCCA, CGI-47</p> <p>Protein Interaction Partner: UBC, H2AFV, OGFOD1, UBA6, UBXN1, BASP1, GNPDA1, USP5, EZR, TBCE, RAD23A, PYGL, MC1R, H2AFZ, CTBP2, CLNS1A, TXNDC17,</p> <p>Protein Size: 405</p>
Molecular Weight:	45 kDa
Gene ID:	51095
NCBI Accession:	<a href="#">NM_016000</a> , <a href="#">NP_057084</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 405 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.



Rabbit Anti-TRNT1 Antibody  
Catalog Number: ARP40819  
Lot Number: QC9882  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)  
Antibody Concentration: 16.0 µg/ml  
Magnification: 400X

Immunohistochemistry

**Image 1.** Rabbit Anti-TRNT1 Antibody Paraffin Embedded  
Tissue: Human Kidney Cellular Data: Epithelial cells of renal  
tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification:  
400X



Western Blotting

**Image 2.** WB Suggested Anti-TRNT1 Antibody Titration:  
2.5ug/ml ELISA Titer: 1:62500 Positive Control: Human brain