



[Go to Product page](#)

Datasheet for ABIN1537173

anti-QTRT1 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	QTRT1
Binding Specificity:	AA 345-371, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QTRT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This QTRT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 345-371 amino acids from the C-terminal region of human QTRT1.
Clone:	RB37610
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	QTRT1
Alternative Name:	QTRT1 (QTRT1 Products)
Background:	TRNA-guanine transglycosylase (TGT, EC 2.4.2.29) synthesizes queuosine (Q), which is found in

Target Details

tRNAs that recognize NAU and NAC codons, encoding tyr, asn, asp, and his. Prokaryotic TGT is a single protein of 43 kD. In contrast, mammalian TGT appears to be a heterodimer consisting of a 60-kD subunit (USP14, MIM 607274) and a 43-kD catalytic subunit (QTRT1) (Deshpande and Katze, 2001 [PubMed 11255023]).

Molecular Weight: 44048

Gene ID: 81890

NCBI Accession: [NP_112486](#)

UniProt: [Q9BXR0](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

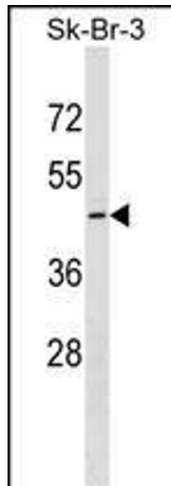
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: QTRT1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. QTRT1 Antibody (C-term) (ABIN1537173 and ABIN2849182) western blot analysis in SK-BR-3 cell line lysates (35 µg/lane). This demonstrates the QTRT1 antibody detected the QTRT1 protein (arrow).