

Datasheet for ABIN7469557 **anti-QTRTD1 antibody**



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Overview

Quantity:	100 µL
Target:	QTRTD1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QTRTD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human QTRTD1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	QTRTD1
Alternative Name:	QTRTD1 (QTRTD1 Products)
Background:	Synonyms: queueine tRNA-ribosyltransferase accessory subunit 2 , QTRTD1 Background: Interacts with QTRT1 to form an active queueine tRNA-ribosyltransferase. This enzyme exchanges queueine for the guanine at the wobble position of tRNAs with GU(N)

Target Details

	anticodons (tRNA-Asp, -Asn, -His and -Tyr), thereby forming the hypermodified nucleoside queuosine (Q) (7-(((4,5-cis-dihydroxy-2-cyclopenten-1-yl)amino)methyl)-7-deazaguanosine).
Molecular Weight:	47 kDa
Gene ID:	79691
UniProt:	Q9H974
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: NT2D1
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.