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Datasheet for ABIN954399 anti-QTRTD1 antibody (C-Term)

4 Images



Overview

Quantity:	0.4 mL
Target:	QTRTD1
Binding Specificity:	AA 328-359, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QTRTD1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 328-359 amino acids from the C-terminal region of Human QTRTD1. Genename: QTRTD1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human QTRTD1 (C-term).
Purification:	Affinity Chromatography on Protein A

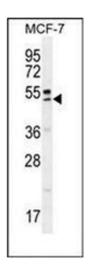
Target Details

Target:	QTRTD1
Alternative Name:	QTRTD1 (QTRTD1 Products)

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Target Details	
Background:	Interacts with QTRT1 to form an active queuine tRNA-ribosyltransferase. This enzyme exchanges queuine for the guanine at the wobble position of tRNAs with GU(N) 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) (By similarity).Synonyms: Queuine tRNA-ribosyltransferase subunit QTRTD1
Molecular Weight:	46713 Da
Gene ID:	79691
NCBI Accession:	NP_078914
Pathways:	Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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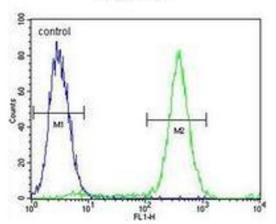


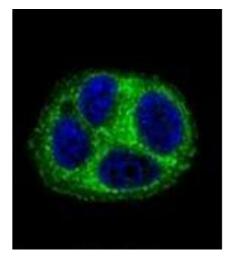


Western Blotting

Image 1. Western blot analysis of QTRTD1 Antibody (Cterm) in MCF-7 cell line lysates (35ug/lane). This demonstrates the QTRTD1 antibody detected the QTRTD1 protein (arrow

MCF-7





Flow Cytometry

Image 2. Flow cytometric analysis of MCF-7 cells using QTRTD1 Antibody (C-term) Cat.-No AP53533PU-N (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 3. Confocal immunofluorescent analysis of QTRTD1 Antibody (C-term) Cat.-No AP53533PU-N with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN954399.

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