Datasheet for ABIN919067

anti-TXNDC5 antibody (AA 251-350) (Cy7)

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Overview

Quantity:	100 µL
Target:	TXNDC5
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC5 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TXNDC5
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TXNDC5
Alternative Name:	TXNDC5 (TXNDC5 Products)
Background:	Synonyms: EndoPDI, Endoplasmic reticulum protein ERp46, Endothelial protein disulphide

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Target Details

	isomerase, ERP46, Hcc 2, PDIA15, Protein disulfide isomerase family A member 15, Thioredoxin domain containing 5 endoplasmic reticulum, thioredoxin domain containing 5, Thioredoxin domain containing protein 5, Thioredoxin like protein p46, Thioredoxin related protein, Thioredoxin-like protein p46, TLP46, TXN5, TXNDC 5, UNQ364, TXND5_HUMAN. Background: TXNDC5 is a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. ERp19 and ERp46 are two newly discovered ER luminal proteins, related to protein disulphide isomerase. Western and Northern blot analyses have revealed that both ERp19 and ERp46 and their respective mRNAs are highly expressed in the liver as compared with other tissues. Both proteins are enriched in purified liver ER vesicles and were localized specifically to the ER in McA-RH7777 hepatocytes. See Knoblach et al. for details.
Gene ID:	81567
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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