Datasheet for ABIN1693537

anti-TXNDC12 antibody (AA 21-120) (Alexa Fluor 350)

Go to Product page

Overview

Quantity:	100 µL
Target:	TXNDC12
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC12 antibody is conjugated to Alexa Fluor 350
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 ERp19
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	TXNDC12
Alternative Name:	ERp19 (TXNDC12 Products)
Background:	Synonyms: AG1, AGR1, anterior gradient homolog 1, endoplasmic reticulum protein ERp19,

Target Details

	endoplasmic reticulum resident protein 18, endoplasmic reticulum resident protein 19, endoplasmic reticulum thioredoxin superfamily member, 18 kDa, ER protein 18, ER protein 19, ERP 18, ERP16, ERP19, hAG 1, hAG1, hTLP19, PDIA16, protein disulfide isomerase family A, member 16, thioredoxin domain containing 12 endoplasmic reticulum, Thioredoxin domain-containing protein 12, thioredoxin like protein p19, TLP19, TXNDC12, TXD12_HUMAN. Background: Endoplasmic reticulum proteins (ERps) are widely expressed proteins and localize to the ER. ERp19, ERp29, ERp46, ERp57 and ERp72 may act as proteases, protein disulfide isomerases, thiol-disulfide oxidases, phospholipases or a combination of these. ERp19, also designated thioredoxin domain-containing protein 12 (TXNDC12), and ERp46, also designated thioredoxin domain containing 5 (TXNDC5), belong to the thioredoxin superfamily and contain a thioredoxin fold with a consensus active-site sequence (CxxC). Both ERp19 and ERp46 are widely expressed ER luminal proteins that are most abundant in the liver and are enriched in purified liver ER vesicles. ERp19 shows significant protein thiol-disulfide oxidase activity in vitro, which is dependent on the presence of both active-site cysteines.
Gene ID:	51060
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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months