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Datasheet for ABIN7257846 anti-TXNDC12 antibody

2 Images



Overview

Quantity:	200 µL
Target:	TXNDC12
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC12 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human TXNDC12 (NP_056997.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	TXNDC12
Alternative Name:	TXNDC12 (TXNDC12 Products)
Background:	This gene encodes a member of the thioredoxin superfamily. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide
	bond formation and isomerization. This protein localizes to the endoplasmic reticulum and has
	a single atypical active motif. The encoded protein is mainly involved in catalyzing native

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disulfide bond formation and displays activity similar to protein-disulfide isomerases. This protein may play a role in defense against endoplasmic reticulum stress. Alternate splicing results in both coding and non-coding variants.

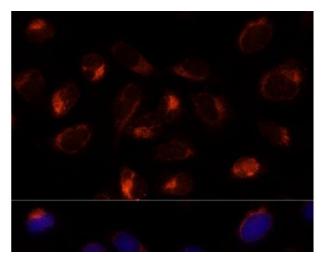
Gene ID:	51060
UniProt:	095881
Pathways:	Cell RedoxHomeostasis

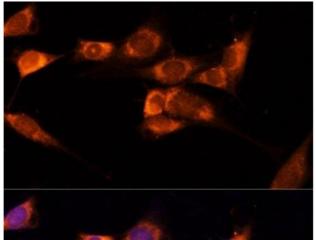
Application Details

Application Notes:	IF 1:50-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using TXNDC12 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells using TXNDC12 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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