

DATASHEET

TXNDC4 Rabbit Polyclonal Antibody

CAT. NO. APA15568

KEY FEATURES

Target	TXNDC4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif . Inhibits the calcium channel activity of ITPR1 . May have a role in the control of oxidative protein folding in the endoplasmic reticulum . Required to retain ERO1A and ERO1B in the endoplasmic reticulum .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

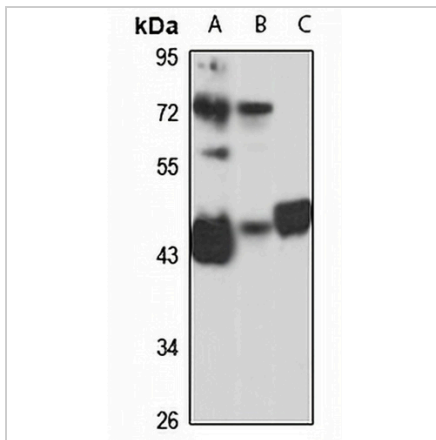
Description	Rabbit polyclonal antibody to TXNDC4
Specificity	Recognizes endogenous levels of TXNDC4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TXNDC4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 46 kD; Observed: 46 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA0573; TXNDC4; Endoplasmic reticulum resident protein 44; ER protein 44; ERp44; Thioredoxin domain-containing protein 4
Gene Symbol	ERP44
Entrez Gene	23071(Human); 76299(Mouse)
SwissProt	Q9BS26(Human); Q9D1Q6(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TXNDC4 expression in HeLa (A), mouse kidney (B), rat Pancreas (C) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.