


## Product datasheet

### Anti-TXNDC4 antibody ab137611

★★★★★ [1 Abreviews](#) [1 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-TXNDC4 antibody
<b>Description</b>	Rabbit polyclonal to TXNDC4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Pig, Xenopus tropicalis 
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 204-406 of Human TXNDC4.
<b>Positive control</b>	293T, A431, H1299, HeLaS3, HepG2, MOLT4 and Raji cell lysates; SCC4 xenograft tissue
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab137611 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 47 kDa.

## Target

### Function

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 ERO1L and ERO1LB in the endoplasmic reticulum.

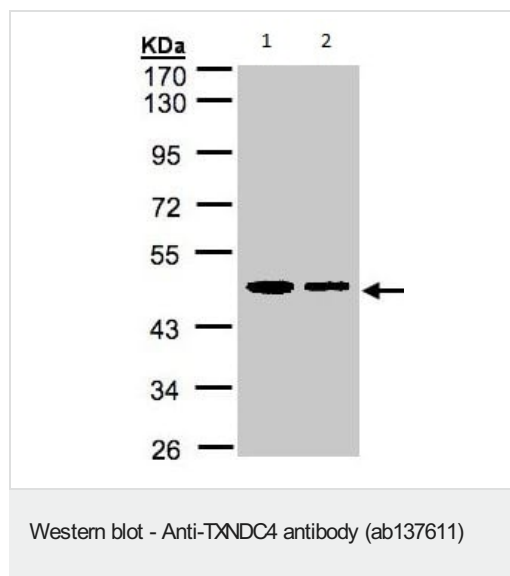
### Sequence similarities

Contains 1 thioredoxin domain.

### Cellular localization

Endoplasmic reticulum lumen.

## Images



**All lanes :** Anti-TXNDC4 antibody (ab137611) at 1/1000 dilution

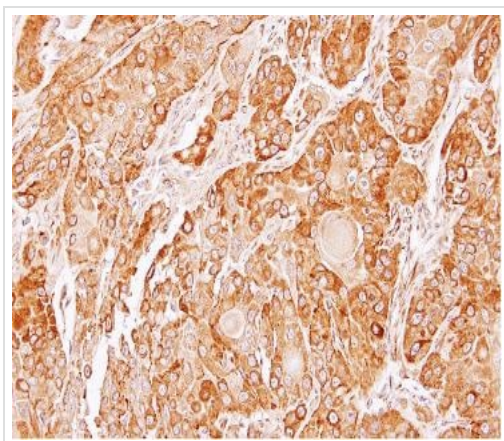
**Lane 1 :** Raji whole cell lysates

**Lane 2 :** H1299 whole cell lysates

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 47 kDa

10% SDS PAGE



ab137611, at a 1/100 dilution, staining TXNDC4 in paraffin embedded SCC4 xenograft tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TXNDC4 antibody (ab137611)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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