

Datasheet for ABIN388139
anti-TXN2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	TXN2
Binding Specificity:	AA 136-166, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Thioredoxin 2 (Trx2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-166 amino acids from the C-terminal region of human Thioredoxin 2 (Trx2).
Clone:	RB5224
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	TXN2
---------	------

Target Details

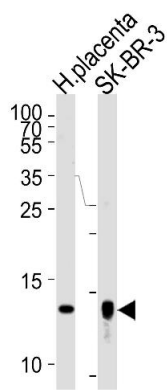
Alternative Name:	Thioredoxin 2 (Trx2) (TXN2 Products)
Background:	TRX2 is a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis.
Molecular Weight:	18383
Gene ID:	25828
NCBI Accession:	NP_036605
UniProt:	Q99757
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of lysates from human placenta tissue lysate, SK-BR-3 cell line (from left to right), using Trx2 Antibody (ABIN388139 and ABIN2846391). (ABIN388139 and ABIN2846391) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.