

Datasheet for ABIN3029121  
**anti-TXN2 antibody (AA 136-166)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	TXN2
Binding Specificity:	AA 136-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXN2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 136-166 from the human protein was used as the immunogen for this Trx2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine
Purification:	Purified

## Target Details

Target:	TXN2
Alternative Name:	Trx2 ( <a href="#">TXN2 Products</a> )
Background:	TRX2 is a mitochondrial member of the thioredoxin family, a group of small multifunctional

## Target Details

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.

UniProt: [Q99757](#)

Pathways: [Cell RedoxHomeostasis](#)

## Application Details

Application Notes: Titration of the Trx2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

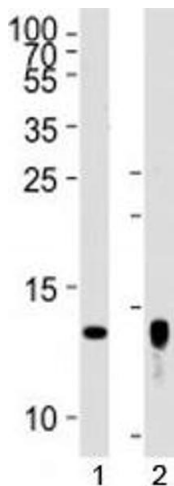
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

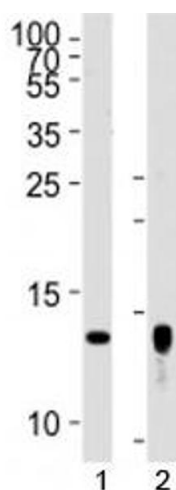
Storage Comment: Aliquot the Trx2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of lysate from human placenta tissue lysate, SK-BR-3 cell line (left to right) using Trx2 antibody diluted at 1:1000 for each lane.



#### Western Blotting

**Image 2.** Western blot analysis of lysate from human placenta tissue lysate, SK-BR-3 cell line (left to right) using Trx2 antibody diluted at 1:1000 for each lane.