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Datasheet for ABIN5537844  
**anti-TXNRD3 antibody (AA 304-333)**

1 Image

### Overview

Quantity:	400 µL
Target:	TXNRD3
Binding Specificity:	AA 304-333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNRD3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This TXNRD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-333 amino acids from the Central region of human TXNRD3.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	TXNRD3
Alternative Name:	TXNRD3 ( <a href="#">TXNRD3 Products</a> )
Background:	This gene encodes a member of the family of pyridine nucleotide oxidoreductases. This protein catalyzes the reduction of thioredoxin, and is implicated in the defense against oxidative stress. It contains a selenocysteine (Sec) residue (which is essential for catalytic activity), encoded by

## Target Details

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a UGA codon, at the penultimate C-terminal position. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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Molecular Weight: 71 kDa

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Gene ID: 114112

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UniProt: [Q86VQ6](#)

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Pathways: [Cell RedoxHomeostasis](#)

## Application Details

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Application Notes: For WB starting dilution is: 1:1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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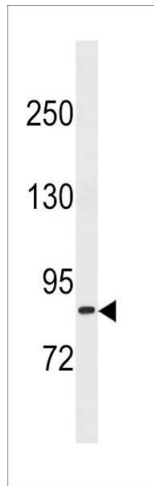
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



### Western Blotting

**Image 1.** Western blot analysis in MDA-MB453 cell line lysates (35ug/lane).