

Datasheet for ABIN6244289
anti-TXNRD1 antibody (AA 516-550)[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	TXNRD1
Binding Specificity:	AA 516-550
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNRD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TXNRD1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 516-550 amino acids from human TXNRD1.
Clone:	RB56183
Isotype:	Ig Fraction
Predicted Reactivity:	Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TXNRD1
Alternative Name:	TXNRD1 (TXNRD1 Products)

Target Details

Background: Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid.

Molecular Weight: 70906

UniProt: [Q16881](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Carbohydrate Metabolic Process](#), [Cell RedoxHomeostasis](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

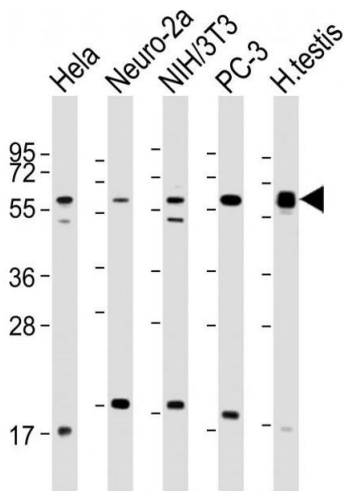
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-TXNRD1 Antibody (C-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Neuro-2a whole cell lysate Lane 3: NIH/3T3 whole cell lysate Lane 4: PC-3 whole cell lysate Lane 5: human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 71 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.