

Product datasheet

Anti-TXNRD2 antibody ab16841

★★★★★ 2 Abreviews 4 References 1 Image

Overview

Product name	Anti-TXNRD2 antibody
Description	Rabbit polyclonal to TXNRD2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant full length protein (Human).
Positive control	Jurkat whole cell lysate, rat lung lysate, mouse liver lysate.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

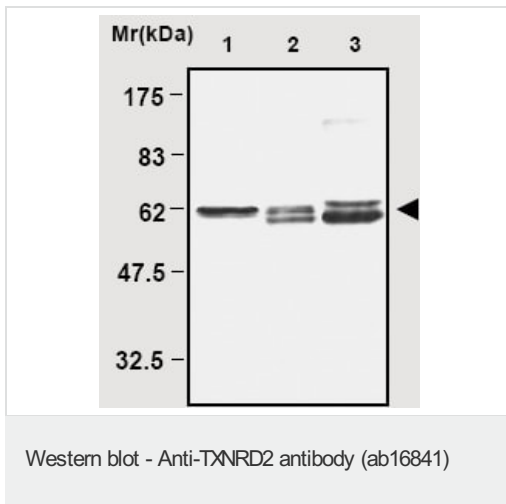
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab16841 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (2)	1/2000. Predicted molecular weight: 56 kDa.

Target

Function	Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling.
Tissue specificity	Highly expressed in the prostate, ovary, liver, testis, uterus, colon and small intestine. Intermediate levels in brain, skeletal muscle, heart and spleen. Low levels in placenta, pancreas, thymus and peripheral blood leukocytes. According to PubMed:10608886, high levels in kidney, whereas according to PubMed:9923614, levels are low.
Sequence similarities	Belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family.
Cellular localization	Mitochondrion.

Images



All lanes : Anti-TXNRD2 antibody (ab16841) at 1/2000 dilution

Lane 1 : Jurkat lysate

Lane 2 : Mouse liver lysate

Lane 3 : Rat lung lysate

Predicted band size: 56 kDa

ab16841 at 1/2000 dilution staining TXNRD2 by Western blot.

Lane 1: Jurkat cell lysates.

Lane 2: Mouse liver.

Lane 3: Rat lung.

In mouse and rat lysate the upper band is TXNRD2, we do not know what the lower non specific band is .

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

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