

Datasheet for ABIN7442870
anti-TXNRD1 antibody (AA 208-433)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	TXNRD1
Binding Specificity:	AA 208-433
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNRD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Thioredoxin Reductase 1 (TXNRD1)
Immunogen:	Recombinant Thioredoxin Reductase 1 (TXNRD1) corresponding to Phe208~Glu433 (Accession # O89049)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TXNRD1. It has been selected for its ability to recognize TXNRD1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

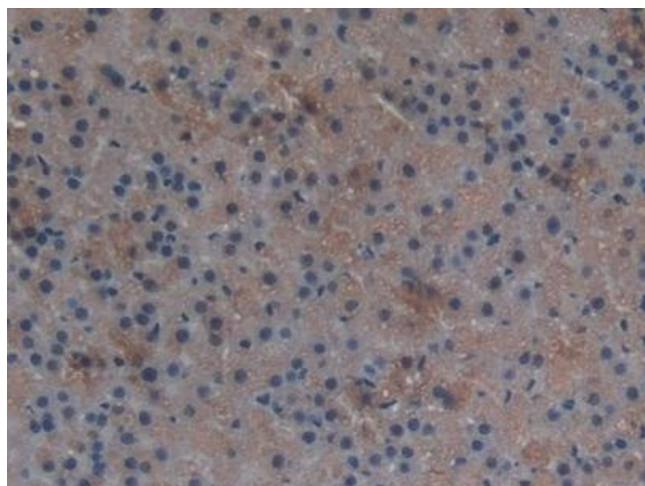
Target:	TXNRD1
Alternative Name:	Thioredoxin Reductase 1 (TXNRD1 Products)
Background:	TrxR1, TR1, GRIM12, KDRF, TRXR-1, TXNR, Gene associated with retinoic and interferon-induced mortality 12 protein, KM-102-derived reductase-like factor
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Regulation of Carbohydrate Metabolic Process , Cell RedoxHomeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

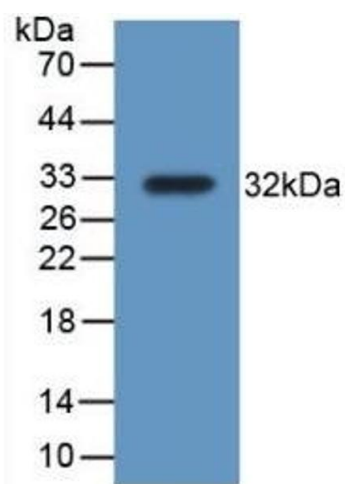
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



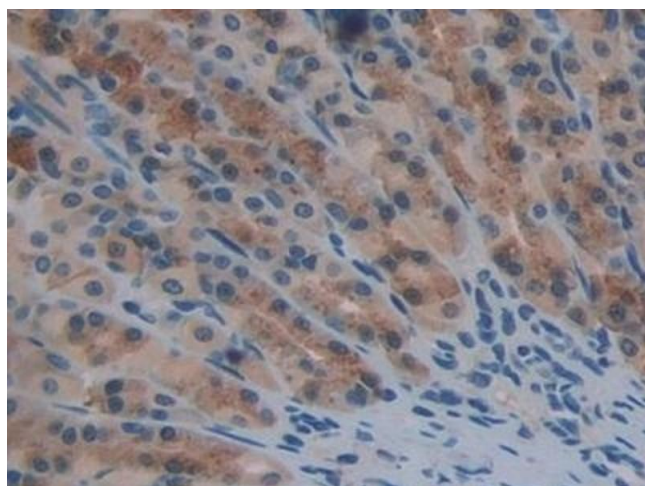
Immunohistochemistry

Image 1. Detection of TXNRD1 in Rat Adrenal gland Tissue using Polyclonal Antibody to Thioredoxin Reductase 1 (TXNRD1)



Western Blotting

Image 2. Detection of Recombinant TrxR1, Rat using Polyclonal Antibody to Thioredoxin Reductase 1 (TXNRD1)



Immunohistochemistry

Image 3. Detection of TXNRD1 in Rat Stomach Tissue using Polyclonal Antibody to Thioredoxin Reductase 1 (TXNRD1)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7442870.