

Datasheet for ABIN7297806
anti-TXNRD2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TXNRD2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNRD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TXNRD2.
Specificity:	Recognizes endogenous levels of TXNRD2 protein.
Characteristics:	Rabbit polyclonal antibody to TXNRD2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	TXNRD2
Alternative Name:	TXNRD2 (TXNRD2 Products)
Background:	KIAA1652, TRXR2, Thioredoxin reductase 2, mitochondrial, Selenoprotein Z, SelZ, TR-beta,

Target Details

	Thioredoxin reductase TR3
Gene ID:	10587, 50551
UniProt:	Q9NNW7 , Q9Z0J5
Pathways:	Cell RedoxHomeostasis

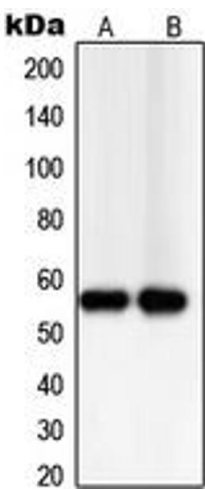
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

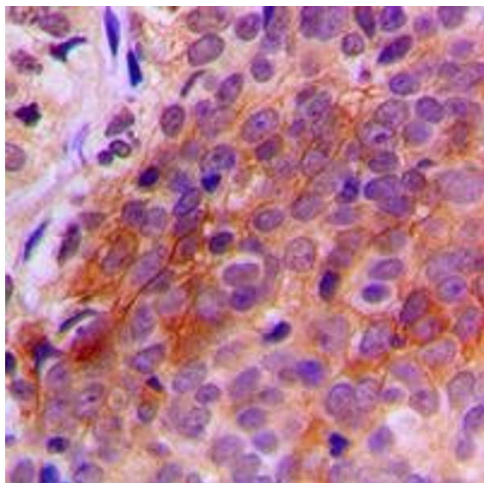
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of TXNRD2 expression in PC12 (A), Jurkat (B) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of TXNRD2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.