

Datasheet for ABIN1386102
anti-TXNRD1 antibody (AA 451-550)[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TXNRD1
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNRD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TXNRD1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	TXNRD1
---------	--------

Target Details

Alternative Name:	Txnrd1 (TXNRD1 Products)
Background:	<p>Synonyms: TR, TR1, TXNR, TRXR1, GRIM-12, Thioredoxin reductase 1, cytoplasmic, Gene associated with retinoic and interferon-induced mortality 12 protein, Gene associated with retinoic and IFN-induced mortality 12 protein, KM-12-derived reductase-like factor, Thioredoxin reductase TR1, TXNRD1, GRIM12, KDRF</p> <p>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.</p>
Gene ID:	7296
UniProt:	Q16881
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Regulation of Carbohydrate Metabolic Process , Cell RedoxHomeostasis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

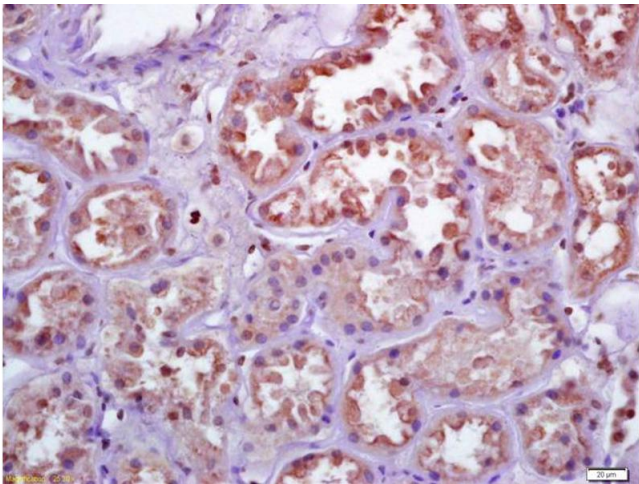
Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

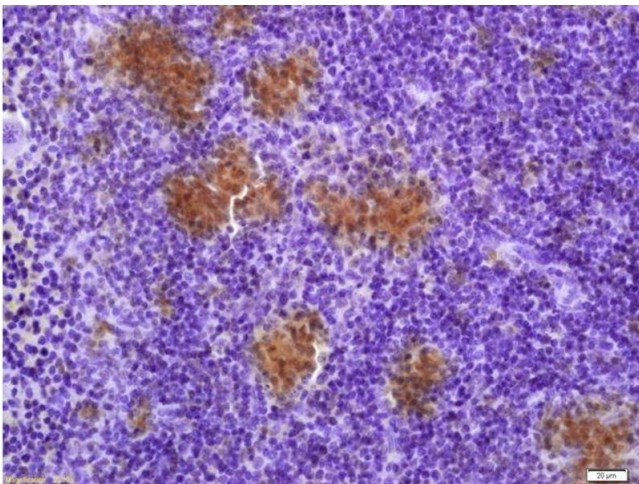
Product cited in:	Kaya, Çiçek, Erdi, Findik, Karatas, Esen, Keskin, Kalkan: "Intratumoral hemorrhage-related differences in the expression of vascular endothelial growth factor, basic fibroblast growth factor and thioredoxin reductase 1 in human glioblastoma." in: Molecular and clinical oncology , Vol. 5, Issue 4, pp. 343-346, (2016) (PubMed).
-------------------	--

Images



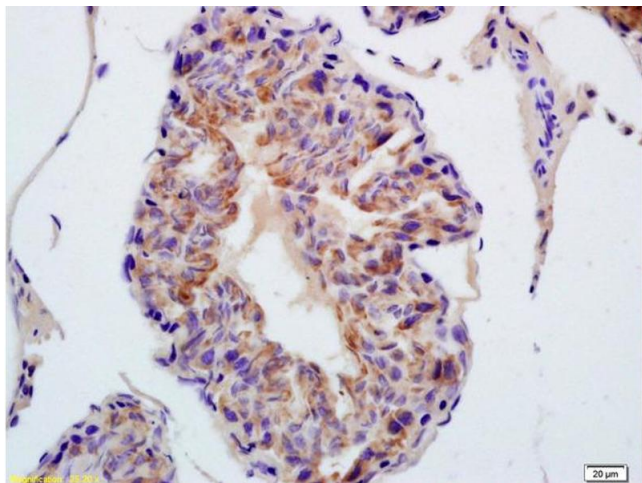
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human kidney labeled with Anti-TXNRD1 Polyclonal Antibody, Unconjugated (ABIN1386102) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse spleen labeled with Anti-TXNRD1 Polyclonal Antibody, Unconjugated (ABIN1386102) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded rat testis labeled with Anti-TXNRD1 Polyclonal Antibody, Unconjugated (ABIN1386102) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1386102.