

Product Datasheet

TXNRD2 Antibody - BSA Free

NBP1-86919

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 4

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NBP1-86919

TXNRD2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

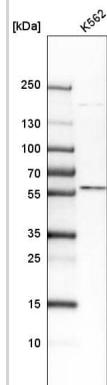
Product Description	
Description	Novus Biologicals Rabbit TXNRD2 Antibody - BSA Free (NBP1-86919) is a polyclonal antibody validated for use in IHC and WB. Anti-TXNRD2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10587
Gene Symbol	TXNRD2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (80%). Reactivity reported in scientific literature (PMID: 21813593)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CAGFLTGIGLDTTIMMRSIPLRGFDQQMSSMVIEHMASHGTRFLRGCAPSRVR RLPDGQLQVTWEDSTTGKEDTGTFTVLWAIGRVPDTRSLNLEKAGVDTSPDT QKILVDSREATSVPHIYAIGDVVEGRPELTPTAIMAGRLLVQRLF

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

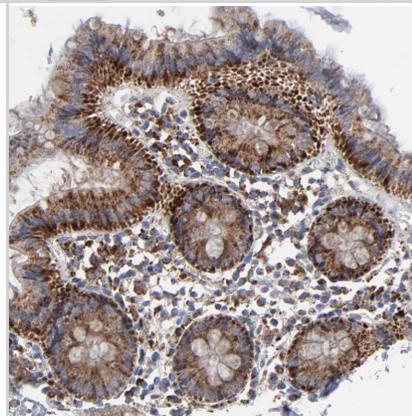


Images

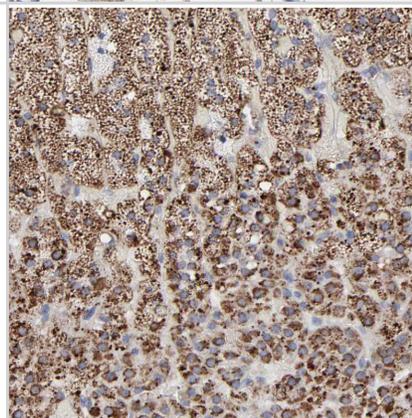
Analysis in human cell line K562.



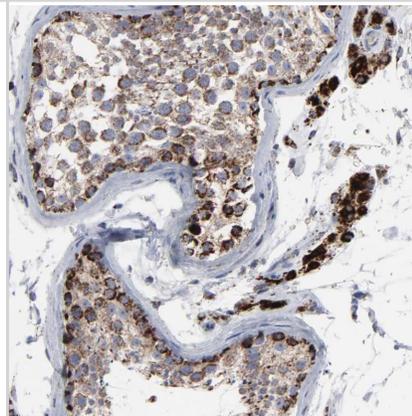
Staining of human colon shows strong granular cytoplasmic positivity in glandular cells.



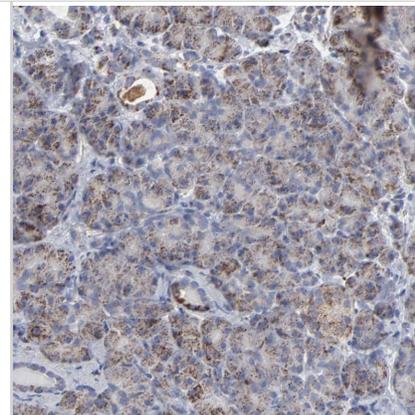
Staining of human adrenal gland shows strong granular cytoplasmic positivity in glandular cells.



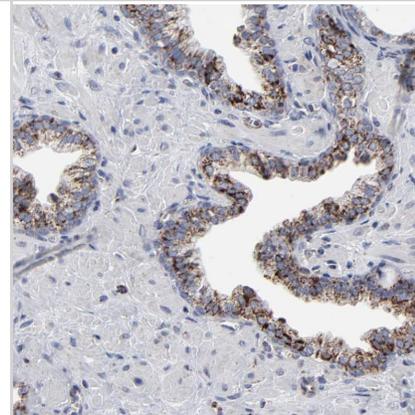
Staining of human testis shows strong granular cytoplasmic positivity in Spermatozoa and Leydig cells.



Staining of human pancreas shows very weak granular cytoplasmic positivity in exocrine glandular cells.



Staining of human prostate shows strong granular cytoplasmic positivity in glandular cells.



Publications

Touat-Hamici Z, Legrain Y, Bulteau AL et al. Selective Up-regulation of Human Selenoproteins in Response to Oxidative Stress. *J Biol Chem* 2014-05-23 [PMID: 24706762] (WB, Human)

Wirth EK, Sheu SY, Chiu-Ugalde J et al. Monocarboxylate transporter 8 deficiency: altered thyroid morphology and persistent high triiodothyronine/thyroxine ratio after thyroidectomy. *Eur J Endocrinol* 2011-10-01 [PMID: 21813593]

Dammeyer P, Arner ES., et al. Human Protein Atlas of redox systems - What can be learnt? *Biochim Biophys Acta* 2010-07-18 [PMID: 20647035]

Wirth EK, Conrad M, Winterer J et al. Neuronal selenoprotein expression is required for interneuron development and prevents seizures and neurodegeneration. *FASEB J* 2010-03-01 [PMID: 19890015]



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Products Related to NBP1-86919

NBP1-86919PEP	TXNRD2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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