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Datasheet for ABIN2629696
anti-TXNRD2 antibody (AA 418-434)

Overview

Quantity:	100 µg
Target:	TXNRD2
Binding Specificity:	AA 418-434
Reactivity:	Human, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human TXNRD2(418-434aa RHGQEHVEVYHAHYKPL), different from the related rat sequence by three amino acids, and from the related mouse sequence by two amino acids.
Isotype:	IgG
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. .
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	TXNRD2
Alternative Name:	TXNRD2 (TXNRD2 Products)
Background:	Name/Gene ID: TXNRD2 Synonyms: TXNRD2, KIAA1652, Selenoprotein Z, Thioredoxin reductase 3, TR-BETA, Thioredoxin reductase TR3, TR3, SELZ, Thioredoxin reductase beta, TR, Thioredoxin reductase 2, TRXR2
Gene ID:	10587
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.