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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54910_P050-HRP
Product Page	www.avivasysbio.com/txn2-antibody-middle-region-hrp-arp54910-p050-hrp.html
Name	TXN2 Antibody - middle region : HRP (ARP54910_P050-HRP)
Protein Size (# AA)	166 amino acids
Molecular Weight	12kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	25828
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Thioredoxin 2
Alias Symbols	TXN, MTRX, TRX2, MT-TRX, COXPD29
Peptide Sequence	Synthetic peptide located within the following region: VDIDDHTDLAIEYEVSAPVPTVLAMKNGDVVDKFKVGIKDEDEQLEAFLKKLI
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Benhar,M., (2008) Science 320 (5879), 1050-1054
Description of Target	TXN2 is a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. TXN2 may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	TRIM21; VPS52; FAM9B; RBM45; KRT40; MRFAP1L1; CCDC114; REEP6; TIFA; PPCDC; SCYL3; AGTRAP; RABGEF1; MTUS2; RPIA; MAPRE3; MAPRE2; STUB1; PSME3; SSNA1; ZBTB14; TRIP6; RELA; MAGEA11; NR3C1; DCTD; AP2B1; GPRASP2; SHARPIN; THAP1; RABAC1; VIM; MLH1; KRT18; ALDOB
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TXN2 (ARP54910_P050-HRP) antibody
Blocking Peptide	For anti-TXN2 (ARP54910_P050-HRP) antibody is Catalog# AAP54910 (Previous Catalog # AAPP31865)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TXN2
Uniprot ID	Q99757
Protein Name	Thioredoxin, mitochondrial
Protein Accession #	NP_036605
Purification	Affinity Purified
Nucleotide Accession #	NM_012473
Gene Symbol	TXN2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 85%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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