

Product datasheet for **TA358776**

TXNRD3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Homology: Dog: 86%; Guinea Pig: 77%; Horse: 86%; Human: 100%; Mouse: 93%; Pig: 86%; Rabbit: 85%; Rat: 79%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	66kDa
Gene Name:	thioredoxin reductase 3
Database Link:	NP_001166984 Entrez Gene 114112 Human Q86VQ6
Background:	This gene encodes a member of the family of pyridine nucleotide oxidoreductases. This protein catalyzes the reduction of thioredoxin, and is implicated in the defense against oxidative stress. It contains a selenocysteine (Sec) residue (which is essential for catalytic activity), encoded by a UGA codon, at the penultimate C-terminal position. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



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Synonyms: TGR; TR2; TRXR3

Product images:



WB Suggested Anti-TXNRD3 Antibody
Titration: 1.0 ug/ml
Positive Control: THP-1 Whole Cell