

Product datasheet for **TA360235**

Peroxiredoxin 2 (PRDX2) Rabbit Polyclonal Antibody

Product data:

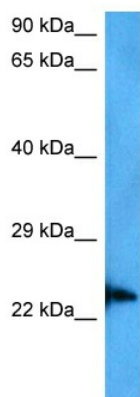
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of rat PRDX2
Specificity:	Expected reactivity: Rat
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	22 kDa
Gene Name:	peroxiredoxin 2
Database Link:	NP_005800.3 A0A0G2JSH9
Background:	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein plays an antioxidant protective role in cells, and it may contribute to the antiviral activity of CD8(+) T-cells. The crystal structure of this protein has been resolved to 2.7 angstroms. This protein prevents hemolytic anemia from oxidative stress by stabilizing hemoglobin, thus making this gene a therapeutic target for patients with hemolytic anemia. This protein may have a proliferative effect and play a role in cancer development or progression. Related pseudogenes have been identified on chromosomes 5, 6, 10 and 13.



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Synonyms: MGC4104; NKEF-B; NKEFB; PRP; PRX2; PRXII; TDPX1; torin; TSA

Product images:



Host: Rabbit
Target Name: Prdx2
Sample Type: Rat Muscle Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: PRDX2
Sample Tissue: Rat Muscle lysates
Antibody Dilution: 1.0ug/ml