

Product datasheet for **TA338130**

Peroxiredoxin 4 (PRDX4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PRDX4 antibody is: synthetic peptide directed towards the N-terminal region of Human PRDX4. Synthetic peptide located within the following region: LLLFLLPAGAVQGWETEERPRTREEECHFYAGGQVYPGEASRVSVADHSL
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	peroxiredoxin 4
Database Link:	NP_006397 Entrez Gene 10549 Human Q13162
Background:	The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB.
Synonyms:	AOE37-2; AOE372; HEL-S-97n; PRX-4

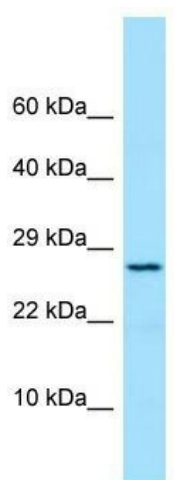


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Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Guinea pig: 100%; Bovine: 93%; Rabbit: 93%; Dog: 86%; Horse: 86%

Protein Families: Druggable Genome

Product images:



Host: Rabbit; Target Name: PRDX4; Sample Tissue: COLO205 Whole Cell lysates; Antibody Dilution: 1.0 ug/ml PRDX4 is supported by BioGPS gene expression data to be expressed in COLO205