

Product datasheet for **TA346591**

Peroxiredoxin 6 (PRDX6) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PRDX6 antibody: synthetic peptide directed towards the middle region of human PRDX6. Synthetic peptide located within the following region: ARVVFVFGPDKKLSILYPATTGRNFDEILRVVISLQLTAEKRVATPVD
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:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	peroxiredoxin 6
Database Link:	NP_004896 Entrez Gene 94167 Rat Entrez Gene 9588 Human P30041
Background:	The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H ₂ O ₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury. [provided by RefSeq, Jul 2008]
Synonyms:	1-Cys; aiPLA2; AOP2; HEL-S-128m; NSGPx; p29; PRX



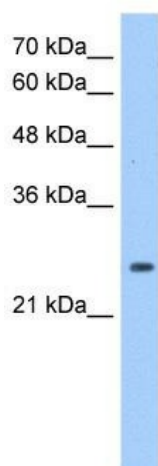
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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Methane metabolism, Phenylalanine metabolism

Product images:



WB Suggested Anti-PRDX6 Antibody Titration: 1.25 ug/ml; Positive Control: HepG2 cell lysate. PRDX6 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells