

Product datasheet for **AM31914PU-N**

Peroxiredoxin 6 (PRDX6) Mouse Monoclonal Antibody [Clone ID: 4A3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4A3
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 1/200. Western Blot: 1/2000.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human PRDX6 / Peroxiredoxin 6 purified from E. coli
Specificity:	Recognizes PRDX6 / Peroxiredoxin 6.
Formulation:	HEPES with 0.15M NaCl, 0.01% BSA, 0.03% Sodium Azide and 50% Glycerol State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ammonium Sulfate Precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	peroxiredoxin 6
Database Link:	Entrez Gene 11758 Mouse Entrez Gene 94167 Rat Entrez Gene 9588 Human P30041



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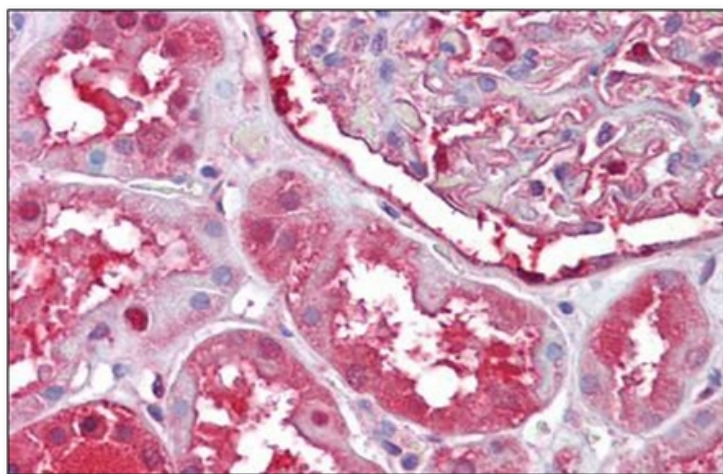
Background: PRDX6 is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H₂O₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.

Synonyms: PRDX-6, Prx6, Prx-6, 1-Cys PRX, aiPLA2, NSGPx, AOP2, AOP-2, KIAA0106

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Methane metabolism, Phenylalanine metabolism

Product images:



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)