

Product datasheet for **AP23064PU-N**

Peroxiredoxin 1 (PRDX1) (106-117) Goat Polyclonal Antibody

Product data:

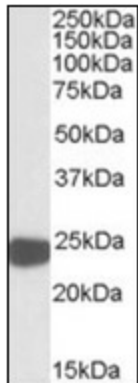
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/32000. Immunohistochemistry on Paraffin Sections: 2.5 µg/ml. Western Blot: 0.01 - 0.03 µg/ml.
Reactivity:	Human, Bovine, Bat, Canine, Equine, Hamster, Monkey, Mouse, Porcine, Rabbit, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from the internal region of the human protein sequence according to NP_859048.1
Specificity:	This antibody detects internal Peroxiredoxin-1 (PRDX1).
Formulation:	Tris saline, 0.02% sodium azide, pH 7.3, 0.5% BSA State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to 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 1
Database Link:	Entrez Gene 18477 Mouse Entrez Gene 117254 Rat Entrez Gene 5052 Human Q06830
Background:	Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system but not from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H2O2.



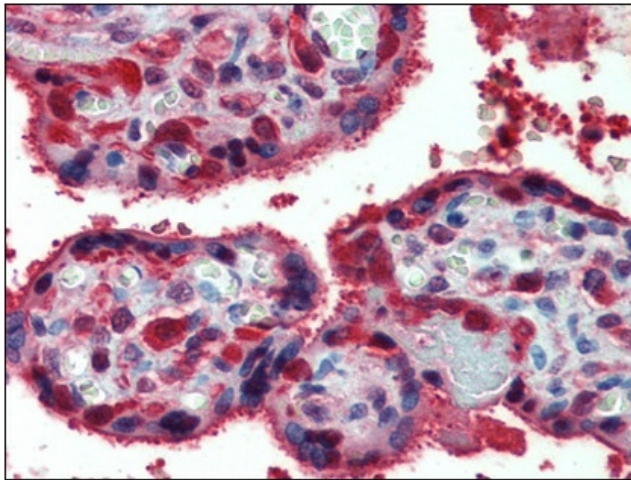
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Synonyms: PRDX-1, Prx1, Prx-1, PAG, NKEF-A, NKEFA PAGA, PAGB, TDPX2

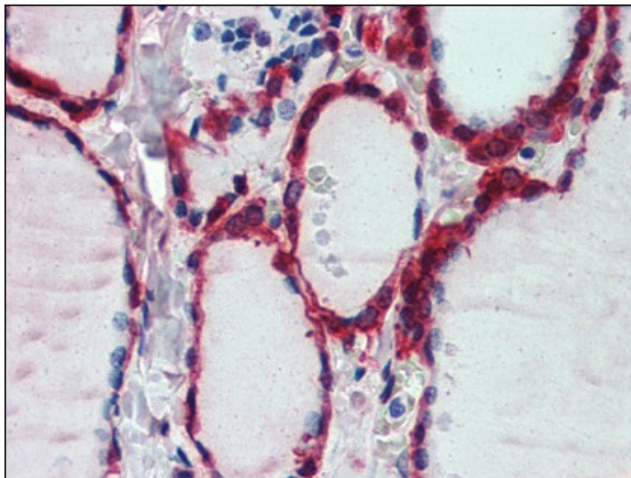
Product images:



Western Blot: Antibody (0.01 ug/ml) staining of HepG2 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry: Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry: Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)