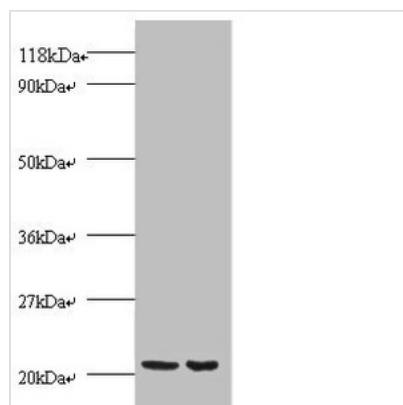




PRDX1 Antibody

Product Code	CSB-PA01165A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q06830
Immunogen	Recombinant Human Peroxiredoxin-1 protein (1-199AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	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. Reduces an intramolecular disulfide bond in GDPD5 that gates the ability to GDPD5 to drive postmitotic motor neuron differentiation
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Peroxiredoxin-1 (EC 1.11.1.15) (Natural killer cell-enhancing factor A) (NKEF-A) (Proliferation-associated gene protein) (PAG) (Thioredoxin peroxidase 2) (Thioredoxin-dependent peroxide reductase 2), PRDX1, PAGA PAGB TDPX2
Species	Human
Research Area	Cell Biology
Target Names	PRDX1
Image	



Western blot

All lanes: periredoxin-1 antibody at 2 μ g/ml

Lane 1: EC109 whole cell lysate

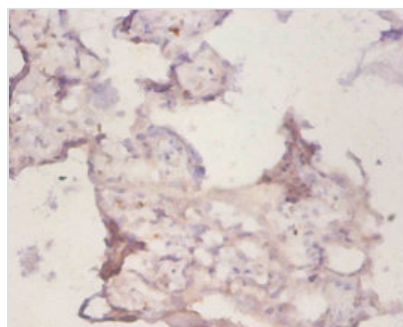
Lane 2: 293T whole cell lysate

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size: 21.9 kDa

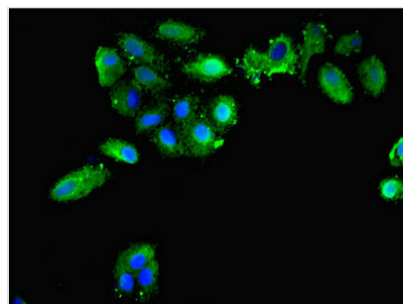
Observed band size: 21.9 kDa



Immunohistochemistry of paraffin-embedded

human placenta tissue using CSB-

PA01165A0Rb at dilution of 1:50



Immunofluorescent analysis of HepG2 cells

using CSB-PA01165A0Rb at dilution of 1:100

and Alexa Fluor 488-conjugated AffiniPure Goat

Anti-Rabbit IgG(H+L)