

PEROXIREDOXIN 1 RABBIT MAB

Cat.#: N263487

Product Name: Anti-Peroxiredoxin 1 Rabbit Monoclonal Antibody

Synonyms: PRDX1; PAGA; PAGB; TDPX2; Peroxiredoxin-1; Natural killer cell-enhancing factor A; NKEF-A; Proliferation-associated gene protein; PAG; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2

UNIPROT ID: 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.

Immunogen: A synthetic peptide of human Peroxiredoxin 1/PAG

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-0H5

MW: Calculated MW: 22 kDa; Observed MW: 22 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse

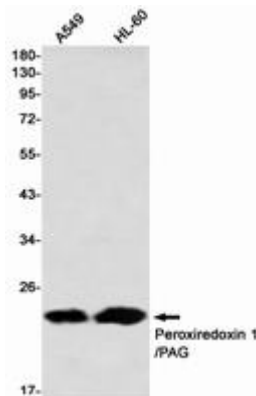
Conjugation: Unconjugated

Modification: Unmodified

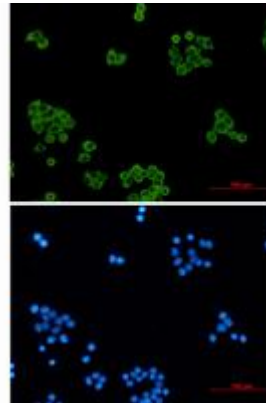
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

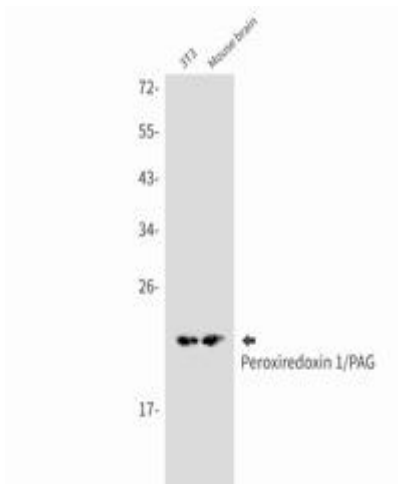
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Peroxiredoxin 1/PAG in A549, HL-60 lysates using Peroxiredoxin 1/PAG antibody



Immunocytochemistry analysis of Peroxiredoxin 1 (green) in Hela using Peroxiredoxin 1 antibody, and DAPI (blue).



Western blot analysis of Peroxiredoxin 1/PAG in 3T3, mouse brain lysates using Peroxiredoxin 1/PAG antibody.