

PACO46442

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system. It is not able to receive electrons 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 H(2)O(2).

Gene ID:

PRDX2

Uniprot

P32119

Synonyms:

Peroxiredoxin-2 (EC 1.11.1.15) (Natural killer cell-enhancing factor B) (NKEF-B) (PRP) (Thiol-specific antioxidant protein) (TSA) (Thioredoxin peroxidase 1) (Thioredoxin-dependent peroxide reductase 1), PRDX2, NKEFB TDPX1

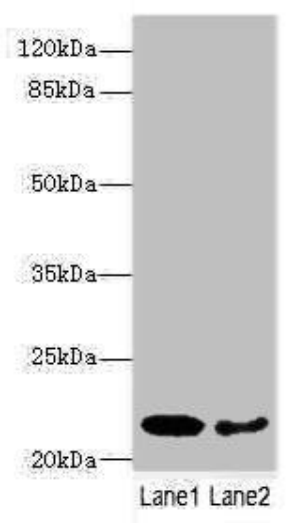
Immunogen:

Recombinant Human Peroxiredoxin-2 protein (2-65AA).

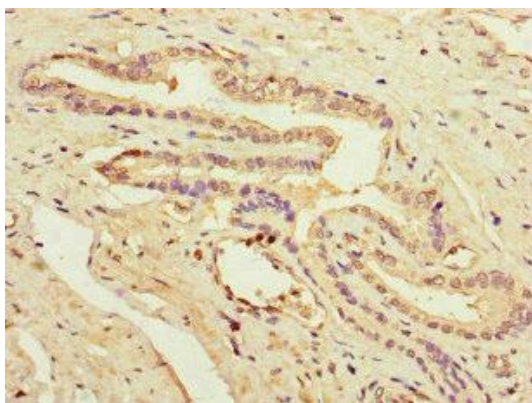
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

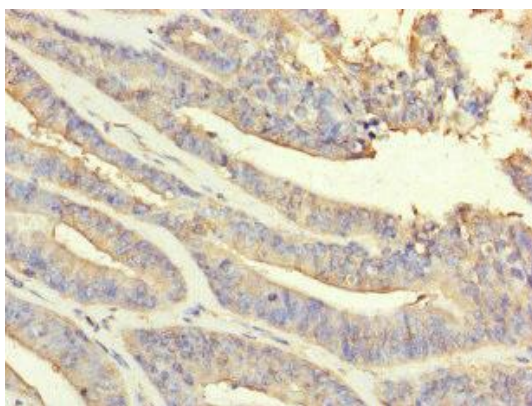
Product Images



Western blot. All lanes: PRDX2 antibody at 9 μ g/ml. Lane 1: Mouse liver tissue. Lane 2: Mouse spleen tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 22, 16 kDa. Observed band size: 22 kDa.



Immunohistochemistry of paraffin-embedded human prostate cancer using PACO46442 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human endometrial cancer using PACO46442 at dilution of 1:100.