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Research Use Only. Not for diagnostic or therapeutic use.

EB12402 - Goat Anti-peroxiredoxin 6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PRDX6, peroxiredoxin 6, 1-Cys, AOP2, NSGPx, PRX, aiPLA2, p29, 1-Cys PRX, 1-Cys peroxiredoxin, 24 kDa protein, acidic calcium-independent phospholipase A2, antioxidant protein 2, liver 2D page spot 40, non-selenium glutathione

peroxidase, peroxiredoxin-6

Official Symbol: PRDX6

Accession Number(s): NP_004896.1

Human GeneID(s): 9588

Immunogen

Peptide with sequence C-EANTTVGRIRFHD, from the internal region (near N terminus) of the protein sequence according to NP_004896.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

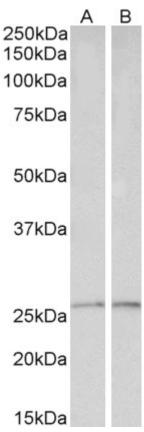
Western blot: Approx 26kDa band observed in Human Heart and in Human and Mouse Liver lysates (calculated MW of 25.0kDa according to NP_004896.1). Recommended concentration: 0.1-0.3µg/ml.

IHC: Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human

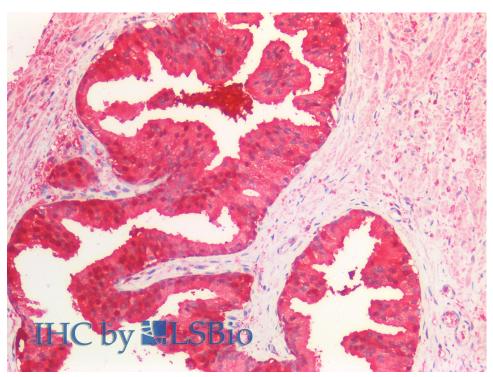


EB12402 (0.1μg/ml) staining of Liver (A) and Heart (B) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12402 (0.1μg/ml) staining of Mouse Liver lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB12402 ($5\mu g/ml$) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.