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Research Use Only. Not for diagnostic or therapeutic use.

EB12403 - Goat Anti-peroxiredoxin 6 (aa170-180) 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-TAEKRVATPVD, from the internal region 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.
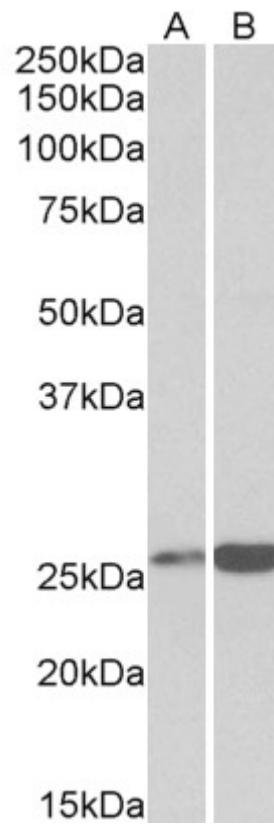
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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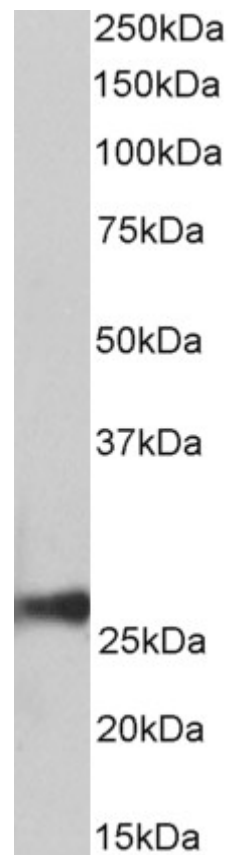
Species Reactivity

Tested: Human, Pig

Expected from sequence similarity: Human, Dog, Pig, Cow

EB12403 (0.3µg/ml) staining of Human Heart (A) and Liver (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB12403 (0.1µg/ml) staining of Pig Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.