

## UK Office

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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.

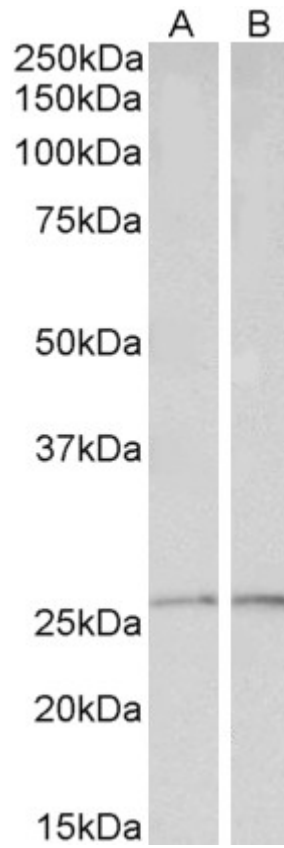
**Western blot:** Approx 26kDa band observed in Human Heart and in Human and Mouse Liver lysates (calculated MW of 25.0kDa according to NP\_004896.1). Recommended concentration: 0.1-0.3µg/ml.

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

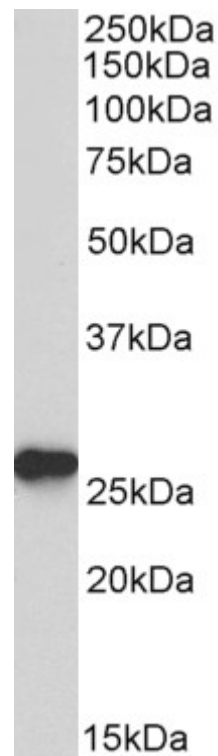
### Species Reactivity

**Tested:** Human, Mouse

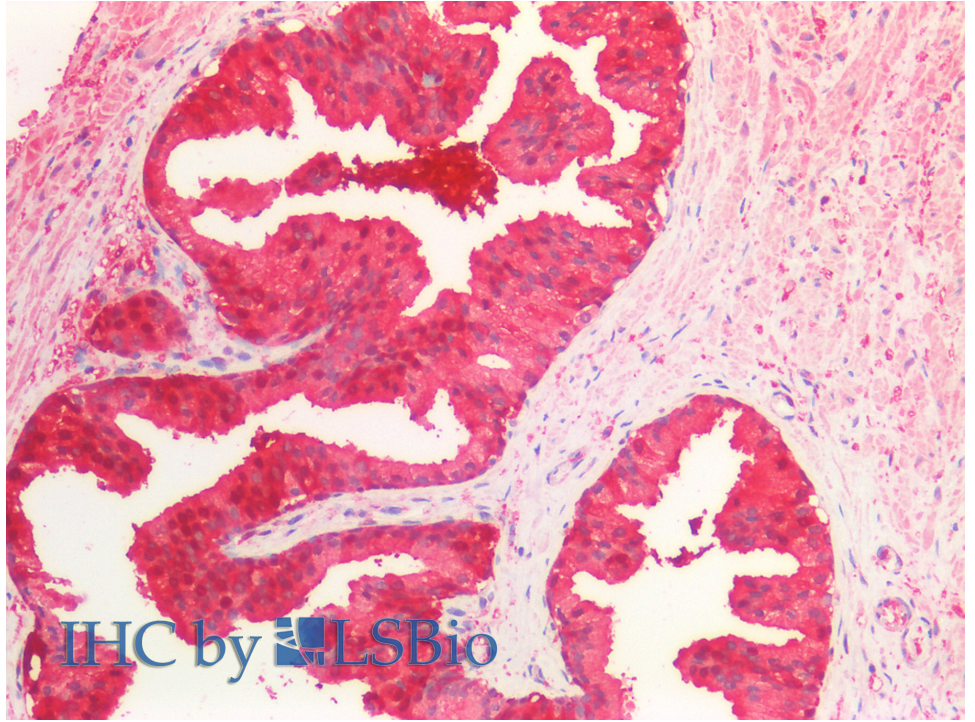
**Expected from sequence similarity:** Human



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 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.