



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07284-T - Goat Anti-Peroxiredoxin 2 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** peroxiredoxin 2, HGNC:9353, PRDX2, MGC4104, NKEFB, PRP, PRXII, TDPX1, TSA, natural killer-enhancing factor B, thiol-specific antioxidant 1, thioredoxin peroxidase 1, thioredoxin-dependent peroxide reductase 1, torin

**Official Symbol:** PRDX2

**Accession Number(s):** NP\_005800.3; NP\_859427.1

**Human GeneID(s):** [7001](#)

**Important Comments:** This antibody is expected to recognise isoforms a and b only (NP\_005800.3 and NP\_859427.1 respectively).

### Immunogen

Peptide with sequence C-NVDDSKEYFSKHN, from the C Terminus of the protein sequence according to NP\_005800.3; NP\_859427.1.

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 1:16000.

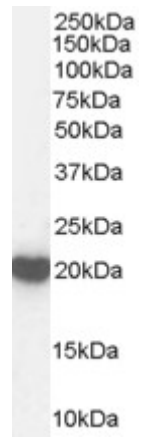
**Western blot:** Approx 20-22kDa band observed in Human Brain lysates (calculated MW of 21.9kDa according to NP\_005800.3). Recommended concentration: 0.3-1µg/ml.

Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB07284 (1 $\mu$ g/ml) staining of Human Brain lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.