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

EB07284 - Goat Anti-Peroxiredoxin 2 Antibody

Size: 100µg specific antibody in 200µl



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

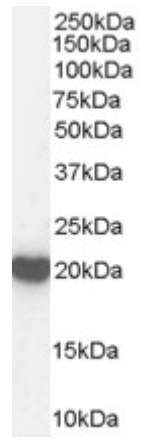
Peptide ELISA: antibody detection limit dilution 1:16000.

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 μ g/ml) staining of Human Brain lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.