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## anti-Peroxiredoxin 2 antibody (C-Term)



Image



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#### Overview

Quantity:	100 μg
Target:	Peroxiredoxin 2 (PRDX2)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Purpose:	Peroxiredoxin 2
Immunogen:	Peptide with sequence C-NVDDSKEYFSKHN, from the C Terminus of the protein sequence according to NP_005800.3, NP_859427.1.
Sequence:	NVDDSKEYFS KHN
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoforms a and b only (NP_005800.3 and NP_859427.1 respectively).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

### **Product Details** Grade: Verified **Target Details** Peroxiredoxin 2 (PRDX2) Target: PRDX2 (PRDX2 Products) Alternative Name Background: Peroxiredoxin 2, HGNC:9353, PRDX2, MGC4104, NKEFB, PRP, PRXII, TDPX1, TSA, natural killerenhancing factor B, thiol-specific antioxidant 1, thioredoxin peroxidase 1, thioredoxin-dependent peroxide reductase 1, torin 7001 Gene ID: NCBI Accession: NP\_005800, NP\_859427 **Application Details** Western Blot: Approx 20-22 kDa band observed in Human Brain lysates (calculated MW of **Application Notes:** 21.9 kDa according to NP\_005800.3). Recommended concentration: 0.3-1 μg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:16000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Sodium azide Preservative: Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. Storage: -20 °C Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

#### **Western Blotting**

**Image 1.** ABIN185653 (1 $\mu$ g/ml) staining of Human Brain lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.