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EB07208-B - Goat Anti-SOD1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SOD1, superoxide dismutase 1, soluble, ALS, ALS1, HEL-S-44, IPOA, SOD, hSod1, Cu/Zn superoxide dismutase, SOD, soluble, epididymis secretory protein Li 44, indophenoloxidase A, superoxide dismutase, cystolic, HGNC:11179 Official Symbol: SOD1 Accession Number(s): NP_000445.1 Human GeneID(s): <u>6647</u> Non-Human GeneID(s): 20655 (mouse), 24786 (rat)

Immunogen

Peptide with sequence C-SRKHGGPKDEERH., from the internal region of the protein sequence according to NP_000445.1.

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.

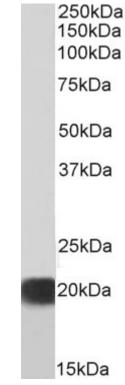
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 20kDa band observed in ysates of cell line HEK293 (calculated MW of 15.9kDa according to NP_000445.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

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



Biotinylated EB07208 (0.3µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.