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Research Use Only. Not for diagnostic or therapeutic use.

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): 6647

Non-Human GenelD(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

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

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.