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EB09857-B - Goat Anti-Aconitase 2, Biotinlyated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACO2, aconitase 2, ACONM, HEL-S-284, ICRD, OCA8, aconitase 2, mitochondrial, citrate hydro-lyase, epididymis secretory sperm binding protein Li 284,

mitochondrial aconitase, MGC20605, MGC33908

Official Symbol: ACO2

Accession Number(s): NP_001089.1

Human GeneID(s): 50

Non-Human GenelD(s): 11429 (mouse), 79250 (rat)

Immunogen

Peptide with sequence C-QHVDVSPTSQRLQ., from the internal region of the protein sequence according to NP_001089.1.

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 1:2000.

Western blot: Approx 90kDa band observed in Human Heart lysates (calculated MW of 85.4kDa according to NP_001089.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig



Biotinylated EB09857 (0.1µg/ml) staining of Human Heart 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.