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EB09858-B - Goat Anti-Aconitase 2 (aa541-555), Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: ACO2, aconitase 2, ACONM, HEL-S-284, ICRD, OCA8, OPA9, aconitase 2, mitochondrial, citrate hydro-lyase, epididymis secretory sperm binding protein Li 284, mitochondrial aconitase
Official Symbol: ACO2
Accession Number(s): NP_001089.1
Human GeneID(s): 50

Immunogen

Peptide with sequence CQDTYQHPPKDSSGQH., from the internal region of the protein sequence according to NP_001089.1.

Please note the peptide is available for sale.

Purification and Storage

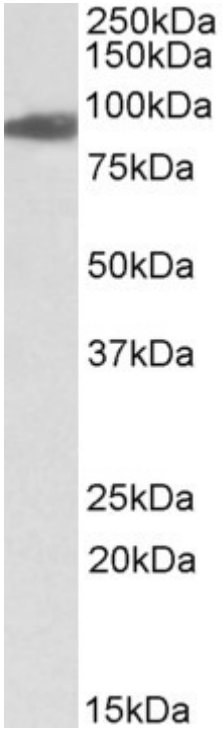
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 90kDa band observed in Human Heart lysates, in Human, Mouse and Rat Adipose lysates and in Mouse, Rat and Pig Skeletal Muscle lysates (calculated MW of 85.4kDa according to NP_001089.1). Recommended concentration: 0.01-0.03µg/ml. See non-biotinylated parental product's datasheet for further QC data

Species Reactivity

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



Biotinylated EB09858 (0.01µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.