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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07874-B - Goat Anti-Fumarase / FH, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FH, fumarate hydratase, FMRD, HLRCC, LRCC, MCL, MCUL1, fumarase

Official Symbol: FH

Accession Number(s): NP_000134.2

Human GeneID(s): [2271](#)

Non-Human GeneID(s): 14194 (mouse), 24368 (rat)

Immunogen

Peptide with sequence C-HPNDHVNKSQSSND., from the internal region of the protein sequence according to NP_000134.2.

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 1:64000.

Western blot: Approx 48kDa band observed in Human Kidney lysates (calculated MW of 54.6kDa according to NP_000134.2). 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



Biotinylated EB07874 (0.1µg/ml) staining of Human Kidney 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.