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Research Use Only. Not for diagnostic or therapeutic use.

EB10652 - Goat Anti-IDH1 (yeast) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IDH1, Idh1p, YNL037C, Subunit of mitochondrial NAD(+)-dependent isocitrate dehydrogenase, which catalyzes the oxidation of isocitrate to

alpha-ketoglutarate in the TCA cycle

Official Symbol: IDH1

Accession Number(s): NP_014361.1

Immunogen

Peptide with sequence C-EPGSRHVGLDIKGQN, from the internal region of the protein sequence according to NP_014361.1.

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

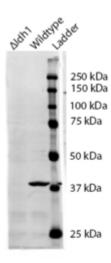
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 38kDa band observed in wildtype lysates of S.cerevisiae (calculated MW of 39.3kDa according to NP_014361.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: S.cerevisiae S288c

Expected from sequence similarity: Saccharomyces cerevisiae



EB10652 (0.5µg/ml) staining of S. cerevisiae S288c Iysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. The blocking buffer contained non-animal derived protein. Data kindly provided by Dr. F Reggiori, University of Utrecht, Netherlands