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Research Use Only. Not for diagnostic or therapeutic use.

EB10189 - Goat Anti-NDUFS2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: complex 1, mitochondrial respiratory chain, 49-KD subunit, NADH dehydrogenase (ubiquinone) Fe-S protein 2, NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase), NADH-ubiquinone oxidoreductase

NDUFS2 subunit, NDUFS2 **Official Symbol:** NDUFS2

Accession Number(s): NP_004541.1; NP_001159631.1

Human GeneID(s): 4720

Non-Human GenelD(s): 226646 (mouse), 289218 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_004541.1; NP_001159631.1).

Immunogen

Peptide with sequence C-SRGVRQWQPDVE, from the internal region of the protein sequence according to NP_004541.1; NP_001159631.1.

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 48kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 51.9kDa according to NP_001159631.1). Recommended

concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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

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

hour. Detected by chemiluminescence.

EB10189 (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1