



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB10188 - Goat Anti-NDUFS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CI-75Kd, complex I, mitochondrial respirato, MGC26839, NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa, NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase), NADH-coenzyme Q reductase, OTTHUMP00000206345, PRO1304, NDUFS1

Official Symbol: NDUFS1

Accession Number(s): NP_004997.4

Human GeneID(s): [4719](#)

Non-Human GeneID(s): 227197 (mouse), 301458 (rat)

Immunogen

Peptide with sequence C-TEKSATYVNTEGR, from the internal region of the protein sequence according to NP_004997.4.

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 80kDa band observed in Human Heart and Mouse Heart lysates (calculated MW of 79.5kDa according to NP_004997.4). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse

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

EB10188 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB10188 (5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.