

#### **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 Fax: +44 (0)1869 238327

#### **US Office**

#### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

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# 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 GenelD(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

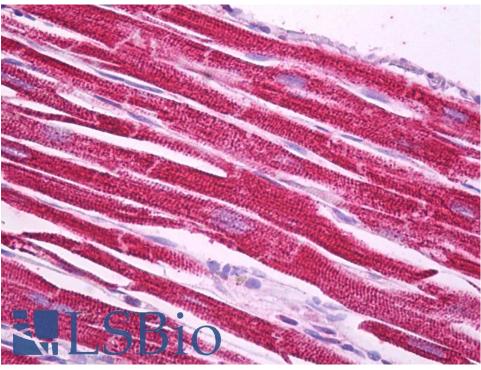
250kDa 150kDa 100kDa 75kDa

> 25kDa 20kDa

37kDa

15kDa
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.