

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10191 - Goat Anti-NDUFS7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CI-20KD, FLJ45860, FLJ46880, MGC120002, MY017, NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase), NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial, NADH-coenzyme

Q reductase, NADH-ubiquinon, PSST, NDUFS7

Official Symbol: NDUFS7

Accession Number(s): NP_077718.3

Human GeneID(s): 374291

Non-Human GenelD(s): 75406 (mouse), 362837 (rat)

Immunogen

Peptide with sequence C-SRGEYVVAKLD, from the internal region of the protein sequence according to NP_077718.3.

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 20kDa band observed in Human Heart and Human Skeletal Muscle lysates (calculated MW of 23.6kDa according to NP_077718.3). Recommended

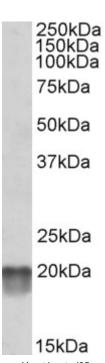
concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cortex) and Liver. Recommended concentration: 5µg/ml.

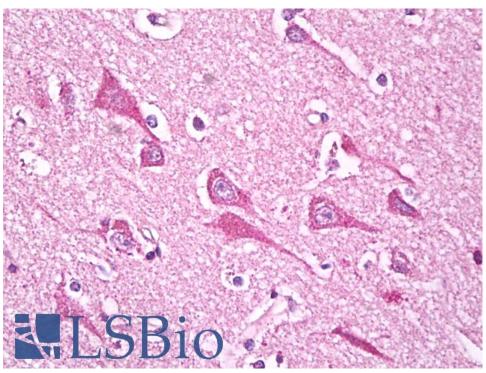
Species Reactivity

Tested: Human

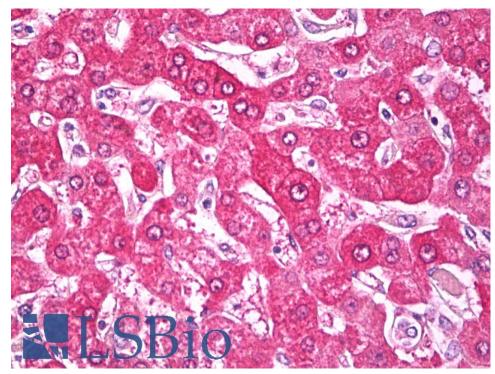
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB010191(0.1 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB10191 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB10191 ($5\mu g/ml$) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.