

International Office

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**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 GeneID(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.

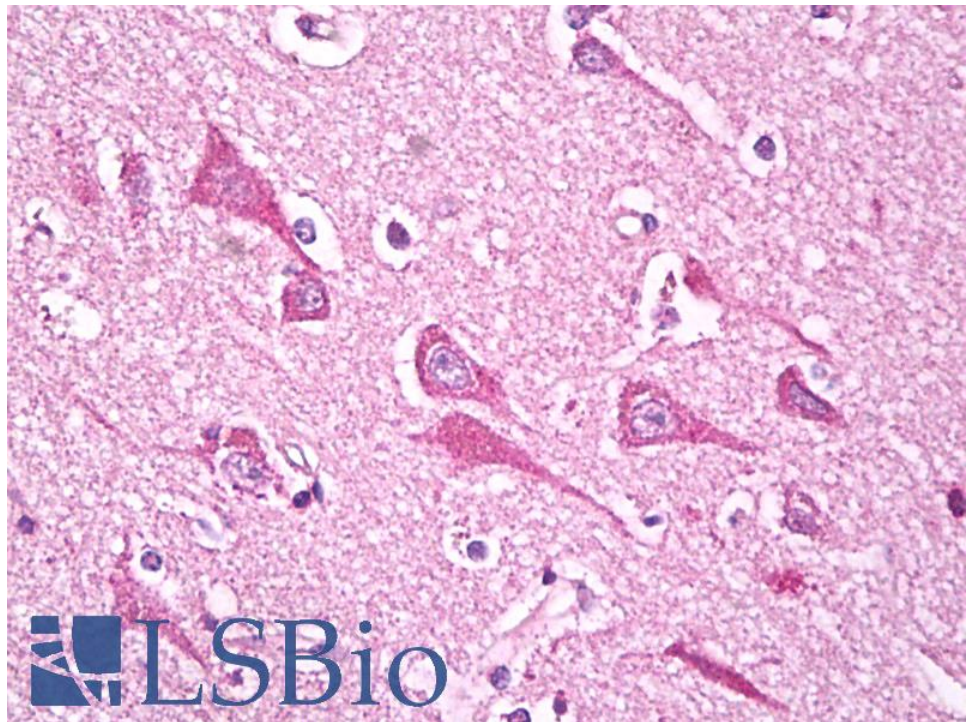
Species Reactivity

Tested: Human

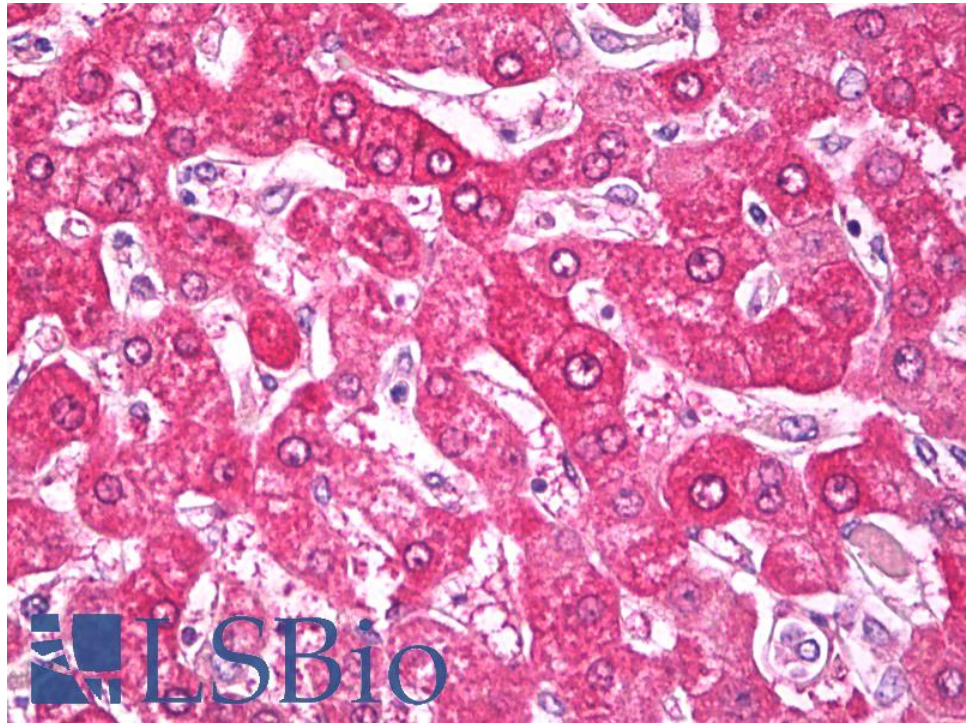
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



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



EB010191 (5 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



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