

Goat anti-NDUFS7 Antibody

Item Number	dAP-2198
Target Molecule	Principle Name: NDUFS7; Official Symbol: NDUFS7; All Names and Symbols: NDUFS7; NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase); Cl-20KD; FLJ45860; FLJ46880; MGC120002; MY017; PSST; NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial; NADH-coenzyme Q reductase; NADH-ubiquinon; Accession Number (s): NP_077718.3; Human Gene ID(s): 374291; Non-Human GeneID(s): 75406 (mouse) 362837 (rat)
Immunogen	SRGEYVVAKLD, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	

Reference	Reference(s): Starr JM, Shiels PG, Harris SE, Pattie A, Pearce MS, Relton CL, Deary IJ, Oxidative stress, telomere length and biomarkers of physical aging in a cohort aged 79 years from the 1932 Scottish Mental Survey. Mechanisms of ageing and development 2008 Dec 129 (12): 745-51..PMID: 18977241->
------------------	---

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**