



Goat anti-NDUFS1 Antibody

Item Number	dAP-2132
Target Molecule	Principle Name: NDUFS1; Official Symbol: NDUFS1; All Names and Symbols: NDUFS1; NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase); Cl-75Kd; MGC26839; PRO1304; NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa; NADH-coenzyme Q reductase; OTTHUMP00000206345; complex I, mitochondrial respirato; Accession Number (s): NP_004997.4; Human Gene ID(s): 4719; Non-Human GeneID(s): 227197 (mouse) 301458 (rat)
Immunogen	TEKSATYVNTEGR, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 64000.
Western Blot	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.
IHC	
Reference	Reference(s): Saito A, Kawamoto M, Kamatani N, Association study between single-nucleotide polymorphisms in 199 drug-related genes and commonly measured quantitative traits of 752 healthy Japanese subjects. Journal of human genetics 2009 Jun 54 (6): 317-23..PMID: 19343046->

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**