

Goat anti-PGC1A Antibody

Item Number	dAP-1116
Target Molecule	Principle Name: PGC1A; Official Symbol: PPARGC1A; All Names and Symbols: PGC1A; PPARGC1A; peroxisome proliferator-activated receptor gamma, coactivator 1 alpha; LEM6; PGC-1(alpha); PGC-1v; PGC1; PPARGC1; PPAR gamma coactivator variant form; PPAR gamma coactivator-1; ligand effect modulator-6; peroxisome proliferative activated; Accession Number (s): NP_037393.1; Human Gene ID(s): 10891; Non-Human GeneID(s): 19017 (mouse) 83516 (rat)
Immunogen	DGLFDDSEDESDK, 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 8000.
Western Blot	Western Blot: Approx 110kDa band observed in Human Skeletal Muscle lysates (calculated MW of 91.0kDa according to NP_037393.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Skel
IHC	
Reference	Reference(s): Handschin C, Kobayashi YM, Chin S, Seale P, Campbell KP, Spiegelman BM. PGC-1alpha regulates the neuromuscular junction program and ameliorates Duchenne muscular dystrophy. Genes Dev. 2007 Apr 1;21(7):770-83. .PMID: 17403779 ->

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**