

Goat anti-LDHB Antibody

Item Number	dAP-3094
Target Molecule	Principle Name: LDHB ; Official Symbol: LDHB; All Names and Symbols: LDHB; lactate dehydrogenase B; LDH-B; LDH-H; LDHBD; TRG-5; L-lactate dehydrogenase B chain; LDH heart subunit; lactate dehydrogenase H chain; renal carcinoma antigen NY-REN-46; Accession Number (s): NP_002291.1; Human Gene ID (s): 3945; Non-Human GeneID(s): 16832 (mouse) 24534 (rat)
Immunogen	NARGLTSVINQKLK, is from internal region (near C terminus) Reported variants represent identical protein: NP_002291.1, NP_001167568.1.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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 35kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 36.6kDa according to NP_002291.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Kim JH, Kim EL, Lee YK, Park CB, Kim BW, Wang HJ, Yoon CH, Lee SJ, Yoon G. Decreased lactate dehydrogenase B expression enhances claudin 1-mediated hepatoma cell invasiveness via mitochondrial defects. Experimental cell research 2011 May 317 (8): 1108-18..PMID: 21356207->

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**