

Goat anti-Pyruvate dehydrogenase / PDHX Antibody

Item Number	dAP-0631
Target Molecule	Principle Name: Pyruvate dehydrogenase / PDHX; Official Symbol: PDHX; All Names and Symbols: PDHX; pyruvate dehydrogenase complex, component X; E3BP; OPDX; PDX1; proX; DLDBP; E3-binding protein; pyruvate dehydrogenase complex, lipoyl-containing component X; dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex; pyruvate; Accession Number (s): NP_003468.2; NP_001128496.1; NP_001159630.1; Human Gene ID(s): 8050; Non-Human GeneID(s): 27402 (mouse)
Immunogen	KSFKANLENPIRLA, is from C Terminus This antibody is expected to recognise all reported isoforms.
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 32000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Pancreas lysate (calculated MW of 54.2kDa according to NP_003468.1). In transfected HEK293 transiently expressing PDHX a band of approx. 50kDa is observed. This band is not observed in the non-transfecte
IHC	
Reference	Reference(s): Roche TE, Baker JC, Yan X, Hiromasa Y, Gong X, Peng T, Dong J, Turkan A, Kasten SA. Distinct regulatory properties of pyruvate dehydrogenase kinase and phosphatase isoforms Prog Nucleic Acid Res Mol Biol. 2001;70:33-75..PMID: 11642366->

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**