



## Goat anti-PDK1 Antibody

<b>Item Number</b>	dAP-0811
<b>Target Molecule</b>	Principle Name: PDK1; Official Symbol: PDK1; All Names and Symbols: PDK1; pyruvate dehydrogenase kinase, isoenzyme 1; HGNC:8809; mitochondrial pyruvate dehydrogenase kinase isoenzyme 1; pyruvate dehydrogenase kinase, isoenzyme 1; OTTHUMP00000205076; mitochondrial pyruvate dehydrogenase, lipoamide, kinase isoenzyme 1; pyru; Accession Number (s): NP_002601.1; Human Gene ID(s): 5163; Non-Human GeneID(s):
<b>Immunogen</b>	DFKDKSAEDAK, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	Western Blot: Approx 65-70kDa band observed in Rat Heart lysates (calculated MW of 49.2kDa according to NP_002601.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended conce
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sarbassov DD, Guertin DA, Ali SM, Sabatini DM. Phosphorylation and regulation of Akt/PKB by the rictor-mTOR complex. Science. 2005 Feb 18;307(5712):1098-101. .PMID: 15718470 ->

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**