



## Goat anti-SDHB Antibody

<b>Item Number</b>	dAP-0705
<b>Target Molecule</b>	Principle Name: SDHB; Official Symbol: SDHB; All Names and Symbols: SDHB; IP; SDH; SDH1; SDHIP; succinate dehydrogenase complex, subunit B, iron sulfur (lp); OTTHUMP0000044624; iron-sulfur subunit; FLJ92337; PGL4; SDH2; SDHIP; Accession Number (s): NP_002991.2; Human Gene ID(s): 6390; Non-Human GeneID(s):
<b>Immunogen</b>	ATYKEKKASV, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC, EIA Species Tested: Human
<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 8000.
<b>Western Blot</b>	Western Blot: Approx 28kDa band observed in Human Liver lysates (calculated MW of 31.6kDa according to NP_002991.2). Recommended concentration: 0.03-0.1µg/ml.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Selak MA, Armour SM, MacKenzie ED, Boulahbel H, Watson DG, Mansfield KD, Pan Y, Simon MC, Thompson CB, Gottlieb E. Succinate links TCA cycle dysfunction to oncogenesis by inhibiting HIF-alpha prolyl hydroxylase. Cancer Cell. 2005 Jan;7(1):77-85..PMID: 15652751->

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**