

Goat anti-KLK1 Antibody

Item Number	dAP-1040
Target Molecule	Principle Name: KLK1; Official Symbol: KLK1; All Names and Symbols: KLK1; kallikrein 1 ; KLKR; Klk6; hK1 ; glandular kallikrein 1; kallikrein 1, renal/pancreas/salivary; kallikrein serine protease 1; tissue kallikrein; Accession Number (s): NP_002248.1; Human Gene ID(s): 3816; Non-Human GeneID(s):
Immunogen	PNDECKKAHVQK, 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 2000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Kidney, Pancreas and Skin lysates (calculated MW of 28.9kDa according to NP_002248.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Gao et al Nat
IHC	
Reference	Reference(s): Montanari D, Yin H, Dobrzynski E, Agata J, Yoshida H, Chao J, Chao L. Kallikrein gene delivery improves serum glucose and lipid profiles and cardiac function in streptozotocin-induced diabetic rats. Diabetes. 2005 May;54(5):1573-80. .PMID: 15855348 ->

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**