

## Goat anti-KLK2 Antibody

<b>Item Number</b>	dAP-1050
<b>Target Molecule</b>	Principle Name: KLK2; Official Symbol: KLK2; All Names and Symbols: KLK2; kallikrein-related peptidase 2; KLK2A2; MGC12201; hK2 ; glandular kallikrein 2; kallikrein 2, prostatic; Accession Number (s): NP_005542.1; NP_001002231.1; Human Gene ID(s): 3817; Non-Human GeneID(s):
<b>Immunogen</b>	KHQLRPDEDSSHD, is from internal region This antibody is expected to recognize both reported isoforms (NP_005542.1; NP_001002231.1).
<b>Applications</b>	Pep ELISA, WB, IHC  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 16000.
<b>Western Blot</b>	Western Blot: Approx 22kDa band observed in Human Prostate lysates (calculated MW of 24.7kDa according to NP_001002231.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Prostate shows vesicular staining in the secretory cells. Recommended concentration: 2.5-3.8µg/ml.
<b>Reference</b>	Reference(s): Stephan C, Xu C, Brown DA, Breit SN, Michael A, Nakamura T, Diamandis EP, Meyer H, Cammann H, Jung K. Three new serum markers for prostate cancer detection within a percent free PSA-based artificial neural network. Prostate. 2006 May 1;66(6):651-9. .PMID: 16388506 ->

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**