

Goat anti-kininogen 1 (aa268-279) Antibody

Item Number	dAP-3033
Target Molecule	Principle Name: kininogen 1 (aa268-279); Official Symbol: KNG1; All Names and Symbols: KNG1; kininogen 1; BDK; KNG; HMWK; alpha-2-thiol proteinase inhibitor; bradykinin; fitzgerald factor; high molecular weight kininogen; kininogen-1; williams-Fitzgerald-Flaujeac factor; Accession Number (s): NP_001095886.1; NP_000884.1; NP_001159923.1; Human Gene ID(s): 3827; Non-Human GenelD(s):
Immunogen	PRDIPTNSPELE, is from internal region This antibody is expected to recognize all reported isoforms (NP_001095886.1; NP_000884.1; NP_001159923.1).
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 128000.
Western Blot	Western Blot: Approx 70kDa band observed in Albumin-depleted Human Plasma lysates (calculated MW of 72.0kDa according to NP_001095886.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Kolte D, Osman N, Yang J, Shariat-Madar Z. High molecular weight kininogen activates B2 receptor signaling pathway in human vascular endothelial cells. <i>J Biol Chem.</i> 2011 Jul 15;286(28):24561-71..PMID: 21586566->

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**