

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12270 - Goat Anti-kininogen 1 (aa268-279) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KNG1, kininogen 1, BDK, KNG, HMWK, alpha-2-thiol proteinase inhibitor, bradykinin, fitzgerald factor, high molecular weight kininogen, kininogen-1, williams-Fitzgerald-Flaujeac factor

Official Symbol: KNG1

Accession Number(s): NP_001095886.1; NP_000884.1; NP_001159923.1 Human GenelD(s): <u>3827</u>

Important Comments: This antibody is expected to recognize all reported isoforms (NP_001095886.1; NP_000884.1; NP_001159923.1).

Immunogen

Peptide with sequence C-PRDIPTNSPELE, from the internal region of the protein sequence according to NP_001095886.1; NP_000884.1; NP_001159923.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

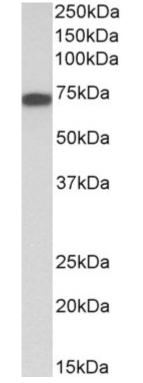
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000. **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.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



EB12270 (0.03µg/ml) staining of Albumin-depleted Plasma lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.