

#### **International Office**

#### **Everest Biotech Ltd**

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

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB07672 - Goat Anti-KLK1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: KLK1, kallikrein 1, KLKR, Klk6, hK1, glandular kallikrein 1, kallikrein 1,

renal/pancreas/salivary, kallikrein serine protease 1, tissue kallikrein

Official Symbol: KLK1

Accession Number(s): NP\_002248.1

Human GeneID(s): 3816

### **Immunogen**

Peptide with sequence PNDECKKAHVQK, from the internal region of the protein sequence according to NP\_002248.1.

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 1:2000.

**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. Med. 2007 Feb;13(2):181-8.; PMID: 17259996). Recommended concentration: 1-3μg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB07672 ( $0.5\mu g/ml$ ) staining of Human Kidney lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.