



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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.