

UK Office

Everest Biotech Ltd

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

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

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

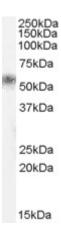
Peptide ELISA: antibody detection limit dilution 1:2000.

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.