

## 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.**

## EB12977 - Goat Anti-ALPL (aa42-53) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ALPL, alkaline phosphatase, liver/bone/kidney, AP-TNAP, APTNAP, HOPS, TNAP, TNSALP, alkaline phosphatase liver/bone/kidney isozyme, alkaline phosphatase, tissue-nonspecific isozyme, alkaline phosphomonoesterase, glycerophosphatase, liver/bone/kidney-type

**Official Symbol:** ALPL

**Accession Number(s):** NP\_000469.3

**Human GeneID(s):** [249](#)

**Non-Human GeneID(s):** 11647 (mouse), 25586 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_000469.3) only. The immunizing peptide represents the N terminus of the mature protein.

### Immunogen

Peptide with sequence C-ELQKLNTNVAKN, from the internal region (near N terminus) of the protein sequence according to NP\_000469.3.

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

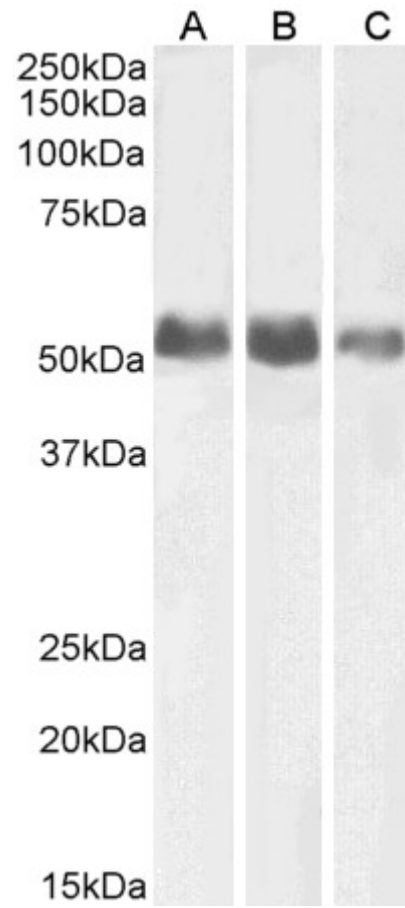
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 55kDa band observed in Human Kidney, Lung and Adrenal Gland lysates (calculated MW of 57.3kDa according to NP\_000469.3). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB12977 (0.1µg/ml) staining of Human Kidney (A), Lung (B) and Adrenal Gland (C) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.