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.
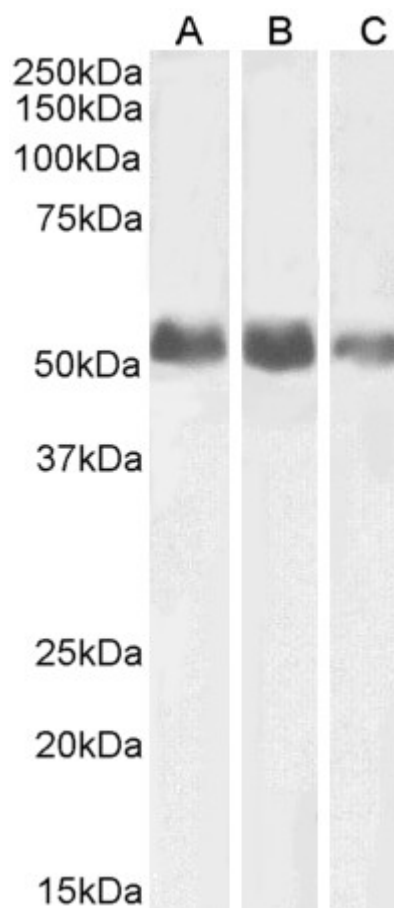
Applications Tested
Peptide ELISA: antibody detection limit dilution 1:64000.
Western blot: Approx 55kDa band observed in Human Kidney, Lung and Adrenal Gland lysates (calculated MW of 57.3kDa according to NP_000469.3). Recommended concentration: 0.1-0.3μg/ml.

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.