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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 GenelD(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

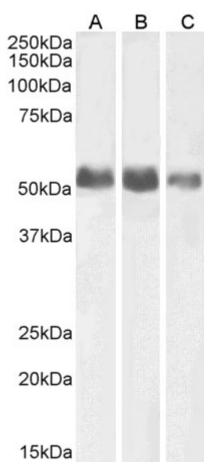
Peptide ELISA: antibody detection limit dilution 1:64000.

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.