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Research Use Only. Not for diagnostic or therapeutic use.

EB12535 - Goat Anti-CD13 / ANPEP Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ANPEP, alanyl (membrane) aminopeptidase, APN, CD13, GP150, LAP1, P150, PEPN, AP-M, AP-N, alanyl aminopeptidase, aminopeptidase M, aminopeptidase N, hAPN, microsomal aminopeptidase, myeloid plasma membrane

glycoprotein CD13

Official Symbol: ANPEP

Accession Number(s): NP_001141.2

Human GeneID(s): 290

Immunogen

Peptide with sequence C-QLEQFKKDNEET, from the internal region (near C terminus) of the protein sequence according to NP_001141.2.

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 1:128000.

Western blot: Approx 150kDa band observed in Human Kidney lysates (calculated MW of 110kDa according to NP_001141.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12535 ($0.03\mu g/ml$) staining of Human Kidney lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.