

#### **International Office**

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# EB12534 - Goat Anti-CD13 / ANPEP (aa79-91) 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-TLKPDSYRVTLRP, from the internal region (near N 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: 1-3µg/ml.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

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

EB12534 ( $1\mu g/ml$ ) staining of Human Kidney lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.