

## Goat anti-CD13 / ANPEP (aa79-91) Antibody

<b>Item Number</b>	dAP-3161
<b>Target Molecule</b>	Principle Name: CD13 / ANPEP (aa79-91); Official Symbol: ANPEP; All Names and Symbols: 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; Accession Number (s): NP_001141.2; Human Gene ID(s): 290; Non-Human GeneID(s):
<b>Immunogen</b>	TLKPDSYRVTLRP, is from internal region (near N terminus)
<b>Applications</b>	Pep ELSA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Wong AH, Zhou D, Rini JM. The X-ray crystal structure of human aminopeptidase N reveals a novel dimer and the basis for peptide processing. The Journal of biological chemistry 2012 Oct 287 (44): 36804-13..PMID: 22932899->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**