

Goat anti-CD13 / ANPEP Antibody

Item Number	dAP-3163
Target Molecule	Principle Name: CD13 / ANPEP; 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):
Immunogen	QLEQFKKDNEET, is from internal region (near C terminus)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	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**