

Datasheet for ABIN513341
anti-CD13 antibody (AA 1-967)



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	CD13 (ANPEP)
Binding Specificity:	AA 1-967
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This CD13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human ANPEP protein.
Immunogen:	ANPEP (NP_001141.1, 1 a.a. ~ 967 a.a) full-length human protein.
Sequence:	MAKGFYISKS LGILGILLGV AAVCTIIALS VVYSQEKKNKN ANSSPVASTT PSASATTNPA SATTLDDQSKA WNRVRLPNTL KPDSYQVTLR PYLTPNDRGL YVFKGSSTVR FTCKEATDVI IIHSKKLNYT LSQGHRVVL RGVGGSQPPDI DKTELVEPTE YLVVHLKGSL VKDSQYEMDS EFEGLADDL AGFYRSEYME GNVKRVVATT QMQAADARKS FPCFDEPAMK AEFNITLIHP KDLTALS NML PKGPSTPLPE DPNWNVTEFH TTPKMSTYLL AFIVSEFDYV EKQASNGVLI RIWARPSAIA AGHGDYALNV TGPILNFFAG HYDTPYPLPK SDQIGLPDFN AGAMENWGLV TYRENSLLFD PLSSSSSNKE RVVTVIAHEL AHQWFGNLVT IEWWNDLWLN EGFASYVEYL GADYAEPTWN LKDLMLVNDV YRVMAVDALA SSHPLSTPAS EINTPAQISE LFDASYSKG ASVLRMLSSF LSEDVFKQGL ASYLHTFAYQ NTIYLNLDWH LQEAVNNRSI QLPTTVRDIM NRWTLQMGFP VITVDTSTGT LSQEHFLDLP DSNVTRPSEF NYVWVWPITS IRDGRQQQDY

Product Details

WLIDVRAQND LFSTSGNEWV LLNLNVTGYR RVNYDEENWR KIQTQLQRDH SAIPVINRAQ
IINDAFNLAS AHKVPVTLAL NNTLFLIEER QYMPWEAALS SLSYFKLMFD RSEVYGPMKN
YLKKQVTPLF IHFRNNTNNW REIPENLMDQ YSEVNAISTA CSNGVPECEE MVSGLFKQWM
ENPNNNPIHP NLRSTVYCNA IAQGGEEWD FAWEQFRNAT LVNEADKLRA ALACSKELWI
LNRYLSYTLN PDLIRKQDAT STIISITNNV IGQGLVWDFV QSNWKKLFND YGGGSFSFSN
LIQAVTRRFS TEYELQQLEQ FKKDNEETGF GSGTRALEQA LEKTKANIKW VKENKEVVLQ
WFTENSK

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	CD13 (ANPEP)
Alternative Name:	ANPEP (ANPEP Products)
Background:	Full Gene Name: alanyl (membrane) aminopeptidase Synonyms: APN,CD13,LAP1,PEPN,gp150,p150
Gene ID:	290
NCBI Accession:	NM_001150
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot analysis of ANPEP expression in transfected 293T cell line by ANPEP MaxPab polyclonal antibody.

Lane 1: ANPEP transfected lysate(106.37 KDa).

Lane 2: Non-transfected lysate.

Western Blotting

Image 2. ANPEP MaxPab polyclonal antibody. Western Blot analysis of ANPEP expression in human liver.