

Datasheet for ABIN947557
anti-CD13 antibody (AA 1-967)



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2 Images

Overview

Quantity:	100 µL
Target:	CD13 (ANPEP)
Binding Specificity:	AA 1-967
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit 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 GNVRKVVATT 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 LFDAYSYSKG ASVLRMLSSF LSEDVFKQGL ASYLHTFAYQ NTIYLNLDWH LQEAVNNRSI QLPTTVRDIM NRWTLQMGFP VITVDTSTGT LSQEHFLDLP DSNVTRPSEF NYVWIVPITS IRDGRQQQDY

Product Details

WLIDVRAQND LFSTSGNEWV LLNLNVTGYR RVNYDEENWR KIQTQLQRDH SAIPVINRAQ
IINDAFNLAS AHKVPVTLAL NNTLFLIEER QYMPWEAALS SLSYFKLMFD RSEVYGPMKN
YLKKQVTPLF IHFRNNTNNW REIPENLMDQ YSEVNAISTA CSNGVPECEE MVSGLFKQWM
ENPNNNPIHP NLRSTVYCNA IAQGGEEDWD 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

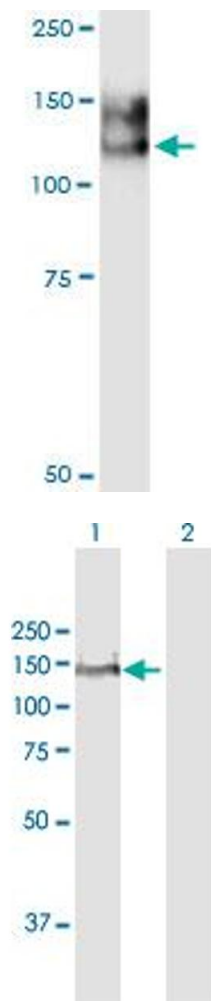
Target:	CD13 (ANPEP)
Alternative Name:	ANPEP (ANPEP Products)
Background:	Full Gene Name: alanyl (membrane) aminopeptidase Synonyms: APN,CD13,LAP1,PEPN,gp150,p150
Gene ID:	290
NCBI Accession:	NM_001150
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

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

Handling

Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
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.



Immunoprecipitation

Image 1. Immunoprecipitation of ANPEP transfected lysate using anti-ANPEP MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with ANPEP purified MaxPab mouse polyclonal antibody (B01P) .

Western Blotting

Image 2. Western Blot analysis of ANPEP expression in transfected 293T cell line by ANPEP MaxPab polyclonal antibody.

Lane 1: ANPEP transfected lysate(109.5 KDa).
Lane 2: Non-transfected lysate.