Datasheet for ABIN514545

anti-Carboxypeptidase A2 antibody (AA 1-417)

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Overview

Quantity:	100 µL
Target:	Carboxypeptidase A2 (CPA2)
Binding Specificity:	AA 1-417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Carboxypeptidase A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human CPA2 protein.
Immunogen:	CPA2 (AAH14571.1, 1 a.a. ~ 417 a.a) full-length human protein.
Sequence:	MRLILFFGAL FGHIYCLETF VGDQVLEIVP SNEEQIKNLL QLEAQEHLQL DFWKSPTTPG ETAHVRVPFV NVQAVKVFLE SQGIAYSIMI EDVQVLLDKE NEEMLFNRRR ERSGNFNFGA YHTLEEISQE MDNLVAEHPG LVSKVNIGSS FENRPMNVLK FSTGGDKPAI WLDAGIHARE WVTQATALWT ANKIVSDYGK DPSITSILDA LDIFLLPVTN PDGYVFSQTK NRMWRKTRSK VSGSLCVGVD PNRNWDAGFG GPGASSNPCS DSYHGPSANS EVEVKSIVDF IKSHGKVKAF ITLHSYSQLL MFPYGYKCTK LDDFDELSEV AQKAAQSLRS LHGTKYKVGP ICSVIYQASG GSIDWSYDYG IKYSFAFELR DTGRYGFLLP ARQILPTAEE TWLGLKAIME HVRDHPY
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

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Target Details

Target:	Carboxypeptidase A2 (CPA2)
Alternative Name:	CPA2 (CPA2 Products)
Background:	Full Gene Name: carboxypeptidase A2 (pancreatic) Synonyms:
Gene ID:	1358

Application Details

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

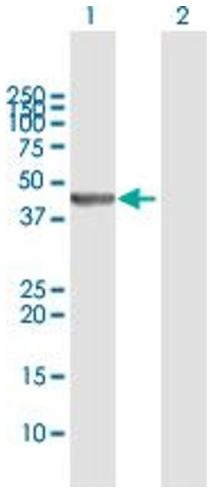
Handling

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.

Images

Immunoprecipitation

Image 1. Immunoprecipitation of CPA2 transfected lysate using anti-CPA2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with CPA2 purified MaxPab mouse polyclonal antibody (B01P) .



Western Blotting

Image 2. Western Blot analysis of CPA2 expression in transfected 293T cell line by CPA2 MaxPab polyclonal antibody.

Lane 1: CPA2 transfected lysate(46.8 KDa).

Lane 2: Non-transfected lysate.

Western Blotting

Image 3. CPA2 MaxPab rabbit polyclonal antibody. Western Blot analysis of CPA2 expression in human pancreas.