

CPA3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11687c

Specification

CPA3 Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	P15088
Other Accession	NP_001861.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48670
Antigen Region	255-284

CPA3 Antibody (Center) - Additional Information

Gene ID 1359

Other Names

Mast cell carboxypeptidase A, MC-CPA, Carboxypeptidase A3, CPA3

Target/Specificity

This CPA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-284 amino acids from the Central region of human CPA3.

Dilution

WB~~1:1000

FC~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CPA3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CPA3 Antibody (Center) - Protein Information

Name CPA3

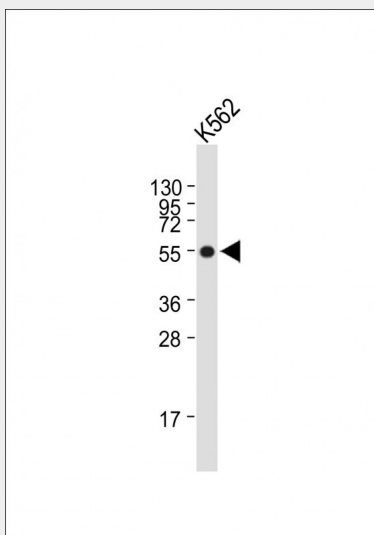
Cellular Location

Cytoplasmic vesicle, secretory vesicle. Note=Secretory granules

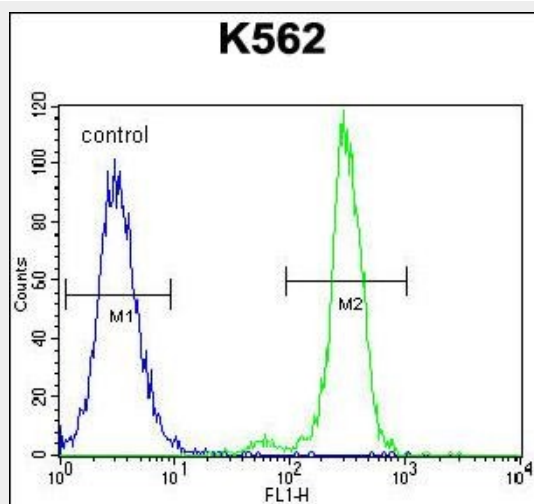
CPA3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CPA3 Antibody (Center) - Images

Anti-CPA3 Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CPA3 Antibody (Center) (Cat. #AP11687c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CPA3 Antibody (Center) - Background

Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a form which is obtained as a binary complex of a procarboxypeptidase A with proproteinase E and functions as a secretory granule metalloexopeptidase.

CPA3 Antibody (Center) - References

Pejler, G., et al. Trends Immunol. 30(8):401-408(2009)
Chen, Z.Q., et al. World J. Gastroenterol. 10(3):342-347(2004)
Huang, H., et al. Cancer Res. 59(12):2981-2988(1999)
Dikov, M.M., et al. J. Biol. Chem. 269(41):25897-25904(1994)
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