

Rabbit anti-Human CPA3 Polyclonal Antibody | anti-CPA3 antibody

CPA3 Antibody (Center)

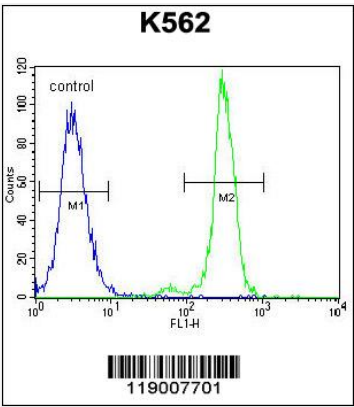
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288935	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

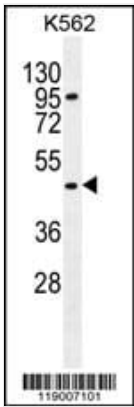
CPA3; Polyclonal Antibody; CPA3 Antibody (Center); Mast cell carboxypeptidase A; MC-CPA; Carboxypeptidase A3; anti-CPA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	255-284
Sequence Length	417
Applicable Applications for anti-CPA3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CPA3 Antibody (Center) 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.



WB (Western Blot)
CPA3 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the CPA3 antibody detected the CPA3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CPA3 antibody	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.
Product Categories/Family for anti-CPA3 antibody	Cell Biology; Signal transduction
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) Natsuaki, M., et al. J. Invest. Dermatol. 99(2):138-145(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316749
NCBI GeneID	1359
NCBI Accession #	NP_001861.2
NCBI GenBank Nucleotide #	NM_001870.2
UniProt Accession #	P15088; Q96E94
Molecular Weight	48670
NCBI Official Full Name	mast cell carboxypeptidase A
NCBI Official Synonym Full Names	carboxypeptidase A3 (mast cell)
NCBI Official Symbol	CPA3
NCBI Official Synonym Symbols	MC-CPA
NCBI Protein Information	mast cell carboxypeptidase A
UniProt Protein Name	Mast cell carboxypeptidase A
UniProt Gene Name	CPA3

UniProt Synonym Gene Names	MC-CPA
UniProt Entry Name	CBPA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpa3-antibody-flow-cytometry-western-blot-elisa/288935>