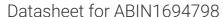
# antibodies -online.com







# anti-CPA3 antibody (AA 101-200) (AbBy Fluor® 488)



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Quantity:	100 μL	
Target:	CPA3	
Binding Specificity:	AA 101-200	
Reactivity:	Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CPA3 antibody is conjugated to AbBy Fluor® 488	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human CPA3/MC-CPA	
Isotype:	IgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human,Mouse	
Purification:	Purified by Protein A.	

## Target Details

Target:	CPA3
Alternative Name:	CPA3/MC-CPA (CPA3 Products)

## **Target Details**

Background:	Synonyms: carboxypeptidase A, Carboxypeptidase A3, carboxypeptidase A3 mast cell,
	CBPA3_HUMAN, Cpa3, Mast cell carboxypeptidase A, mast cell carboxypeptidase A3, MC CPA,
	MC-CPA.
	Background: Carboxypeptidase A (CPA) is a pancreatic exopeptidase which hydrolyses the
	peptide bond adjacent to the C-terminal end in polypeptide chains. Mast cell carboxypeptidase
	A (MC-CPA), a part of the peptidase M14 family, is a highly conserved metalloprotease localized
	to the secretory granules, along with trytases and chymases. MC-CPA is stored as an active
	enzyme in the granule and is released, along with other inflammatory mediators, upon mast cell
	degranulation. MC-CPA mirrors pancreatic carboxypeptidase A in cleaving COOH-terminal
	aromatic and aliphatic amino acid residues. The optimum pH of MC-CPA is between neutral
	and basic, depending upon the substrate. The MC-CPA gene, CPA3, resides on chromosome 3
	and contains 11 exons.
Gene ID:	1359
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
P.P. Control	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Doctrictions:	For Research Use only
Restrictions:	For Research Ose only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date:

12 months