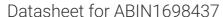
# antibodies - online.com







## anti-CPA3 antibody (AA 101-200) (Alexa Fluor 647)



( )	1/0	r\ /1	014	
( )	ve	I V I	-v	V

Quantity:	100 μL
Target:	CPA3
Binding Specificity:	AA 101-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPA3 antibody is conjugated to Alexa Fluor 647
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

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.
1359
Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
For Research Use only
Liquid
1 μg/μL
Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
50 % Glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
handled by trained staff only.
-20 °C

		1.	
$\vdash$	land	ling	
1 1	ıaııu	11111	٠

Expiry Date:

12 months