



# Mouse anti-Human CPA3 monoclonal antibody, clone 3E2 (CABT-B10024)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	CPA3 (NP_001861, 318 a.a. ~ 418 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3E2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	sELISA, ELISA
<b>Sequence Similarities</b>	SKLPPNHEDLAKVAKIGTDVLSTRYETRYIYGPIESTIYPISGSSLDWAYDLGIKHTFAF ELRDKGKFGFLLPESRIKPTCRETMLAVKFIKYILKHTS*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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. [provided by RefSeq, Jan 2009]

---

<b>Keywords</b>	CPA3; carboxypeptidase A3 (mast cell); MC-CPA; mast cell carboxypeptidase A; tissue carboxypeptidase A;
-----------------	---

---

## GENE INFORMATION

---

<b>Entrez Gene ID</b>	<a href="#">1359</a>
-----------------------	----------------------

---

<b>UniProt ID</b>	<a href="#">P15088</a>
-------------------	------------------------

---

<b>Pathway</b>	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem
----------------	--

---

<b>Function</b>	metal ion binding; metallocarboxypeptidase activity; metallocarboxypeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding
-----------------	--

---