



Rabbit Anti-Human Carboxypeptidase A2 monoclonal antibody, clone S110 (CABT-ZB949)

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

PRODUCT INFORMATION

Specificity	It reacts with Human Carboxypeptidase A2
Target	Carboxypeptidase A2
Immunogen	Recombinant Human Carboxypeptidase A2/CPA2 Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S110
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB598 - CABT-ZB949 This antibody will detect Carboxypeptidase A2 in antibody pair set. [ABPR-ZB176]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Carboxypeptidase A2 / CPA2.
Format	Purified, Liquid
Concentration	Lot specific

Size	50 µL, 100 µL, 1 mL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Carboxypeptidase A2 (CPA2) is a secreted pancreatic procarboxy -peptidase, and cleaves the C-terminal amide or ester bond of peptides that have a free C-terminal carboxyl group. The hydrolytic action of CPA2 was identified with a preference towards long substrates with aromatic amino acids in their C-terminal end, particularly tryptophan. CPA2 comprises a signal peptide, a pro region and a mature chain, and can be activated after cleavage of the pro peptide. Three different forms of human pancreatic procarboxypeptidase A have been isolated, and the A1 and A2 forms are always secreted as monomeric proteins with different biochemical properties.
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Keywords	CPA2; carboxypeptidase A2 (pancreatic); carboxypeptidase A2
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GENE INFORMATION

Synonyms	CPA2; carboxypeptidase A2 (pancreatic); carboxypeptidase A2
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Entrez Gene ID	1358
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UniProt ID	P48052
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