

CPA1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6560a**Specification**

CPA1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P15085](#)**CPA1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1357**Other Names**

Carboxypeptidase A1, CPA1, CPA

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6560a](/products/AP6560a) was selected from the N-term region of human CPA1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CPA1 Antibody (N-term) Blocking Peptide - Protein Information**Name** CPA1 ([HGNC:2296](#))**Synonyms** CPA**Function**

Carboxypeptidase that catalyzes the release of a C-terminal amino acid, but has little or no action with -Asp, -Glu, -Arg, -Lys or -Pro (PubMed:<http://www.uniprot.org/citations/8806703> target="_blank">8806703). Catalyzes the conversion of leukotriene C4 to leukotriene F4 via the hydrolysis of an amide bond (By similarity).

Cellular Location

Secreted.

CPA1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CPA1 Antibody (N-term) Blocking Peptide - Images

CPA1 Antibody (N-term) Blocking Peptide - Background

Three different forms of human pancreatic procarboxypeptidase A have been isolated. CPA1 is a monomeric pancreatic exopeptidase involved in zymogen inhibition.

CPA1 Antibody (N-term) Blocking Peptide - References

Pallares,I., Acta Crystallogr. D Biol. Crystallogr. D64 (PT 7), 784-791 (2008) Bonora,E., Mol. Psychiatry 7 (3), 289-301 (2002)