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

Specification

CPA1 Antibody (N-term) Blocking Peptide - Product Information

Primary 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 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:8806703). Catalyzes the conversion of leukotriene C4 to leukotriene F4 via the hydrolysis of an amide bond (By similarity).

Cellular Location
Secreted.

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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)