

Carboxypeptidase A1 (CPA1) Blocking Peptide
Catalog # PBV10374b**Specification**

Carboxypeptidase A1 (CPA1) Blocking Peptide - Product Information

Primary Accession	P15085
Gene ID	1357
Calculated MW	47140

Carboxypeptidase A1 (CPA1) Blocking Peptide - Additional Information**Gene ID** 1357**Application & Usage**

The peptide is used for blocking the antibody activity of CPA1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Carboxypeptidase A1, 3.4.17.1, CPA1, CPA

Target/Specificity

Carboxypeptidase A1 (CPA1)

Formulation

50 µg (0.5 mg/ml) CPA1 peptide in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Carboxypeptidase A1 (CPA1) Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Carboxypeptidase A1 (CPA1) 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:<a href="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.

Carboxypeptidase A1 (CPA1) Blocking Peptide - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Carboxypeptidase A1 (CPA1) Blocking Peptide - Images