

**CPO Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP14095a****Specification**

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**CPO Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q8IVL8](#)

**CPO Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 130749

**Other Names**

Carboxypeptidase O, CPO, 3417-, CPO

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP14095a was selected from the N-term region of CPO. 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.

**CPO Antibody (N-term) Blocking peptide - Protein Information**

**Name** CPO ([HGNC:21011](#))

**Function**

Carboxypeptidase which preferentially cleaves C-terminal acidic residues from peptides and proteins. Can also cleave C-terminal hydrophobic amino acids, with a preference for small residues over large residues.

**Cellular Location**

Apical cell membrane; Lipid-anchor, GPI-anchor

**Tissue Location**

Detected in enterocytes of the ileum.

**CPO Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**CPO Antibody (N-term) Blocking peptide - Images**

**CPO Antibody (N-term) Blocking peptide - Background**

Probable carboxypeptidase which may cleave proteins with C-terminal acidic residues (By similarity).

**CPO Antibody (N-term) Blocking peptide - References**

Hillier, L.W., et al. Nature 434(7034):724-731(2005)Wei, S., et al. J. Biol. Chem. 277(17):14954-14964(2002)