

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

CPO Antibody (N-term) Blocking peptide - Product InformationPrimary 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)