

CPO Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14095a

Specification

CPO Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8IVL8
Other Accession	NP_775100.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42529
Antigen Region	46-75

CPO Antibody (N-term) - Additional Information

Gene ID 130749

Other Names

Carboxypeptidase O, CPO, 3417-, CPO

Target/Specificity

This CPO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-75 amino acids from the N-terminal region of human CPO.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CPO Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CPO Antibody (N-term) - 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

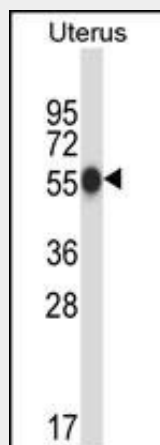
Tissue Location

Detected in enterocytes of the ileum.

CPO Antibody (N-term) - 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](#)

CPO Antibody (N-term) - Images

CPO Antibody (N-term) (Cat. #AP14095a) western blot analysis in human normal Uterus tissue lysates (35ug/lane). This demonstrates the CPO antibody detected the CPO protein (arrow).

CPO Antibody (N-term) - Background

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

CPO Antibody (N-term) - References

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