

**FTCD Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6646b****Specification**

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**FTCD Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O95954](#)**FTCD Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10841**Other Names**

Formimidoyltransferase-cyclodeaminase, Formiminotransferase-cyclodeaminase, FTCD, LCHC1, Glutamate formimidoyltransferase, Glutamate formiminotransferase, Glutamate formyltransferase, Formimidoyltetrahydrofolate cyclodeaminase, Formiminotetrahydrofolate cyclodeaminase, FTCD

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6646b](/products/AP6646b) was selected from the C-term region of human FTCD. 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.

**FTCD Antibody (C-term) Blocking Peptide - Protein Information****Name** FTCD**Function**

Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool.

**Cellular Location**

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9YH58}. Golgi apparatus {ECO:0000250|UniProtKB:Q9YH58}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=More abundantly located around the mother centriole

## **FTCD Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **FTCD Antibody (C-term) Blocking Peptide - Images**

## **FTCD Antibody (C-term) Blocking Peptide - Background**

FTCD is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool.

## **FTCD Antibody (C-term) Blocking Peptide - References**

Hilton,J.F., Hum. Mutat. 22 (1), 67-73 (2003)