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FTCD Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6646c

Specification

FTCD Antibody (Center) Blocking Peptide - Product Information

Primary Accession O95954

FTCD Antibody (Center) 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 AP6646c was selected from the Center 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 (Center) 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

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FTCD Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FTCD Antibody (Center) Blocking Peptide - Images

FTCD Antibody (Center) 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 (Center) Blocking Peptide - References

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