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FCF1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9196b

Specification

FCF1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9Y324

FCF1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51077

Other Names
rRNA-processing protein FCF1 homolog, FCF1, C14orf111

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9196b was selected from the C-term region of human FCF1. 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.

FCF1 Antibody (C-term) Blocking Peptide - Protein Information

Name FCF1 (HGNC:20220)

Synonyms C14orf111

Function
Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre- rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre- ribosomal RNA by the RNA exosome.

Cellular Location
Nucleus, nucleolus.

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FCF1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

FCF1 Antibody (C-term) Blocking Peptide - Images

FCF1 Antibody (C-term) Blocking Peptide - Background

FCF1 encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs.

FCF1 Antibody (C-term) Blocking Peptide - References

Shima,Y., et.al., Mol. Cell. Biol. 28 (23), 7126-7138 (2008)Ilyin,G.P., et.al., Genomics 67 (1), 40-47 (2000)