

CCNL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6610b**Specification**

CCNL1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UK58](#)**CCNL1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 57018**Other Names**

Cyclin-L1, Cyclin-L, CCNL1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6610b](/products/AP6610b) was selected from the C-term region of human CCNL1. 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.

CCNL1 Antibody (C-term) Blocking Peptide - Protein Information**Name** CCNL1**Function**

Regulatory component of the cyclin-L-CDK11 complex that regulates transcription and pre-mRNA splicing (PubMed: [11980906](http://www.uniprot.org/citations/11980906), PubMed: [18216018](http://www.uniprot.org/citations/18216018), PubMed: [38059508](http://www.uniprot.org/citations/38059508)). Inhibited by the CDK-specific inhibitor CDKN1A/p21 (PubMed: [11980906](http://www.uniprot.org/citations/11980906)). May be a candidate proto-oncogene in head and neck squamous cell carcinomas (HNSCC) (PubMed: [12414649](http://www.uniprot.org/citations/12414649), PubMed: [15700036](http://www.uniprot.org/citations/15700036)).

Cellular Location

Nucleus speckle. Nucleus, nucleoplasm. Note=Found in nuclear intrachromatin granules clusters

(IGC), also called nuclear speckles, which are storage compartments for nuclear proteins involved in mRNA processing. {ECO:0000250|UniProtKB:Q9R1Q2}

Tissue Location

Widely expressed. Overexpression in primary tumors of head and neck squamous cell carcinomas (HNSCC)

CCNL1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCNL1 Antibody (C-term) Blocking Peptide - Images**CCNL1 Antibody (C-term) Blocking Peptide - Background**

CCNL1 is a transcriptional regulator which participates in regulating the pre-mRNA splicing process. The protein seems to be involved in the regulation of RNA polymerase II (pol II). It functions in association with cyclin-dependent kinases (CDKs) and has a role in the second step of splicing. It may be a candidate proto-oncogene in head and neck squamous cell carcinomas (HNSCC). Inhibited by the CDK-specific inhibitor p21.

CCNL1 Antibody (C-term) Blocking Peptide - References

Loyer,P., J. Biol. Chem. 283 (12), 7721-7732 (2008)Herrmann,A., FASEB J. 21 (12), 3142-3152 (2007)