

COIL Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14748c

Specification

COIL Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P38432](#)

COIL Antibody (Center) Blocking Peptide - Additional Information

Gene ID 8161

Other Names

Coilin, p80-coilin, COIL, CLN80

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.

COIL Antibody (Center) Blocking Peptide - Protein Information

Name COIL

Synonyms CLN80

Function

Component of nuclear coiled bodies, also known as Cajal bodies or CBs, which are involved in the modification and assembly of nucleoplasmic snRNPs.

Cellular Location

Nucleus. Nucleus, Cajal body

Tissue Location

Found in all the cell types examined.

COIL Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

COIL Antibody (Center) Blocking Peptide - Images**COIL Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene is an integral component of Cajal bodies (also called coiled bodies). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome 4 and chromosome 14.

COIL Antibody (Center) Blocking Peptide - References

Shanbhag, R., et al. FEBS Lett. 584(20):4351-4356(2010) Tapia, O., et al. Chromosoma 119(5):527-540(2010) Toyota, C.G., et al. Chromosoma 119(2):205-215(2010) Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) : Hearst, S.M., et al. J. Cell. Sci. 122 (PT 11), 1872-1881 (2009) :