

CCNY Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10135c

Specification

CCNY Antibody (Center) Blocking peptide - Product Information

Primary Accession [O8ND76](#)
Other Accession [NP_659449.3](#), [NP_859049.2](#)

CCNY Antibody (Center) Blocking peptide - Additional Information

Gene ID 219771

Other Names

Cyclin-Y, Cyc-Y, Cyclin box protein 1, Cyclin fold protein 1, cyclin-X, CCNY, C10orf9, CBCP1, CFP1

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.

CCNY Antibody (Center) Blocking peptide - Protein Information

Name CCNY

Synonyms C10orf9, CBCP1, CFP1

Function

Positive regulatory subunit of the cyclin-dependent kinases CDK14/PFTK1 and CDK16. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway. Recruits CDK16 to the plasma membrane. Isoform 3 might play a role in the activation of MYC-mediated transcription.

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

Widely expressed..

CCNY Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CCNY Antibody (Center) Blocking peptide - Images

CCNY Antibody (Center) Blocking peptide - Background

Cyclins, such as CCNY, control cell division cycles and regulate cyclin-dependent kinases (e.g., CDC2; MIM 116940) (Li et al., 2009 [PubMed 18060517]).

CCNY Antibody (Center) Blocking peptide - References

Wang, K., et al. Hum. Mol. Genet. 19(10):2059-2067(2010) Xu, Y., et al. Oncol. Res. 18(8):359-364(2010) Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Henckaerts, L., et al. Clin. Gastroenterol. Hepatol. 7(9):972-980(2009) Jiang, M., et al. FEBS Lett. 583(13):2171-2178(2009)