

CCNG2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16698c**Specification**

CCNG2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q16589](#)**CCNG2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 901**Other Names**
Cyclin-G2, CCNG2**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.

CCNG2 Antibody (Center) Blocking Peptide - Protein Information**Name** CCNG2**Function**

May play a role in growth regulation and in negative regulation of cell cycle progression.

Cellular Location

Cytoplasm.

Tissue Location

High levels in cerebellum, thymus, spleen and prostate. Low levels in skeletal muscle

CCNG2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCNG2 Antibody (Center) Blocking Peptide - Images**CCNG2 Antibody (Center) Blocking Peptide - Background**

The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The 8 species of cyclins reported in mammals, cyclins A through H, share a conserved amino acid sequence of about 90 residues called the cyclin box. The amino acid sequence of cyclin G is well conserved among mammals. The nucleotide sequence of cyclin G1 and cyclin G2 are 53% identical. Unlike cyclin G1, cyclin G2 contains a C-terminal PEST protein destabilization motif, suggesting that cyclin G2 expression is tightly regulated through the cell cycle.

CCNG2 Antibody (Center) Blocking Peptide - References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Choi, M.G., et al. J. Surg. Res. 157(2):168-174(2009) Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009) Xu, G., et al. Mol. Biol. Cell 19(11):4968-4979(2008) Kasukabe, T., et al. Cancer Sci. 99(8):1693-1698(2008)