

CCNG2 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP16698c

Specification

CCNG2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession

016589

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

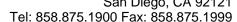
Provided below are standard protocols that you may find useful for product applications.

• 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 cyclinsand CDK inhibitors. The 8 species of cyclins reported in mammals, cyclins A through H, share a conserved amino acid sequence of about90 residues called the cyclin box. The amino acid sequence ofcyclin G is well conserved among mammals. The nucleotide sequenceof 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 throughthe 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)