

### **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**

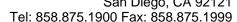
Provided below are standard protocols that you may find useful for product applications.

#### • 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)