

# MYCN Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP7395b

### **Specification**

MYCN Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P04198

MYCN Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID** 4613

#### **Other Names**

N-myc proto-oncogene protein, Class E basic helix-loop-helix protein 37, bHLHe37, MYCN, BHLHE37, NMYC

### Target/Specificity

The synthetic peptide sequence used to generate the antibody <a href=/products/AP7395b>AP7395b</a> was selected from the C-term region of human MYCN. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

#### **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.

MYCN Antibody (C-term) Blocking Peptide - Protein Information

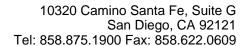
Name MYCN

# MYCN Antibody (C-term) Blocking Peptide - Background

MYCN is a member of the MYC family and a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of its gene is associated with a variety of tumors, most notably neuroblastomas.

# MYCN Antibody (C-term) Blocking Peptide - References

Combaret, V., Pediatr Blood Cancer 53 (3), 329-331 (2009) Alvarez-Rodriguez, R., J. Cell. Sci. 122 (PT 5), 595-599 (2009) Jacobs, J.F., BMC Cancer 9, 239 (2009)





# Synonyms BHLHE37, NMYC

### **Function**

Positively regulates the transcription of MYCNOS in neuroblastoma cells.

**Cellular Location** Nucleus.

## **Tissue Location**

Expressed in the neuronal cells of the cerebrum, neuroblastomas and thyroid tumors (at protein level)

# MYCN Antibody (C-term) Blocking Peptide - Protocols

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

• Blocking Peptides