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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 AP7395b 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

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)

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MYCN Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MYCN Antibody (C-term) Blocking Peptide - Images

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)