

MYCN Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7395b**Specification**

MYCN Antibody (C-term) - Product Information

| | |
|-------------------|---|
| Application | WB, IHC-P,E |
| Primary Accession | P04198 |
| Other Accession | Q63379 , P03966 |
| Reactivity | Human |
| Predicted | Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Antigen Region | 322-351 |

MYCN Antibody (C-term) - 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

This MYCN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-351 amino acids from the C-terminal region of human MYCN.

Dilution

WB~~1:1000

IHC-P~~1:100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MYCN Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MYCN Antibody (C-term) - Protein Information**Name** MYCN

Synonyms BHLHE37, NMYC

Function Positively regulates the transcription of MYCNOS in neuroblastoma cells.

Cellular Location
Nucleus.

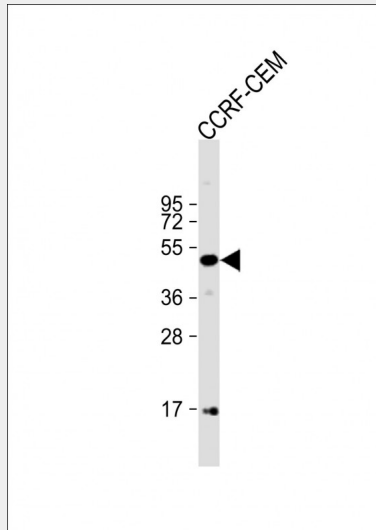
Tissue Location
Expressed in the neuronal cells of the cerebrum, neuroblastomas and thyroid tumors (at protein level)

MYCN Antibody (C-term) - Protocols

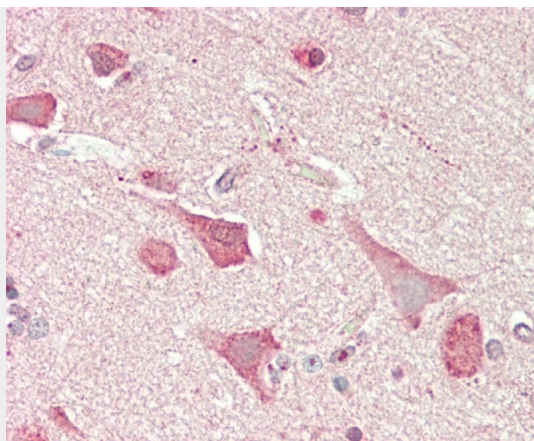
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYCN Antibody (C-term) - Images



Anti-MYCN Antibody (C-term) at 1:1000 dilution + CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



Formalin-fixed and paraffin-embedded H.brain tissue reacted with MYCN Antibody (C-term) (Cat#AP7395b).

MYCN Antibody (C-term) - 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) - 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)

MYCN Antibody (C-term) - Citations

- [p53 Mutation Directs AURKA Overexpression via miR-25 and FBXW7 in Prostatic Small Cell Neuroendocrine Carcinoma.](#)