

N-Myc/MYCN Rabbit pAb

Catalog No.: A0499 **4 Publications**

Basic Information

Observed MW

62kDa

Calculated MW

50kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene is a member of the MYC family and encodes 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 this gene is associated with a variety of tumors, most notably neuroblastomas. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

4613

Swiss Prot

P04198

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 168-267 of human N-Myc/MYCN (NP_005369.2).

Synonyms

NMYC; ODED; MODED; N-myc; bHLHe37; MYCNsORF; MYCNsPEP; N-Myc/MYCN

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

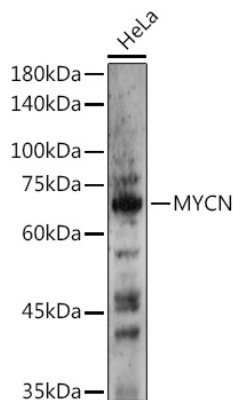
Affinity purification

Storage

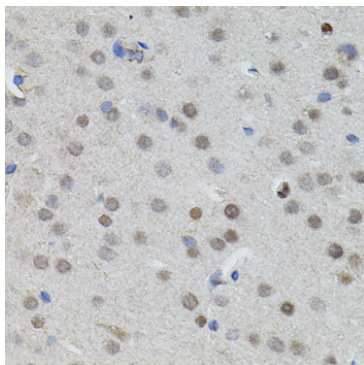
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

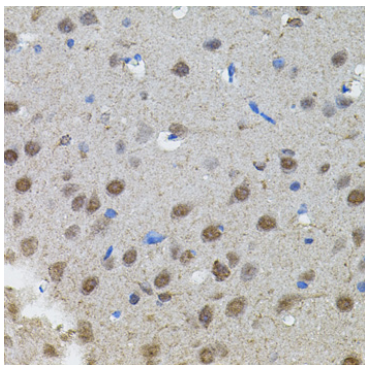
Validation Data



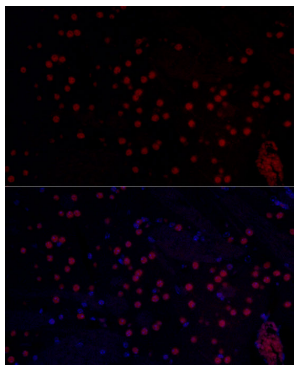
Western blot analysis of extracts of HeLa cells, using N-Myc/MYCN antibody (A0499) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



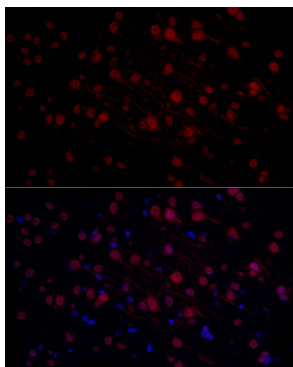
Immunohistochemistry analysis of paraffin-embedded mouse brain using N-Myc/MYCN antibody (A0499) (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using N-Myc/MYCN antibody (A0499) (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of mouse brain using N-Myc/MYCN Rabbit pAb (A0499) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain using N-Myc/MYCN Rabbit pAb (A0499) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.