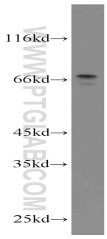
USA: proteintech@ptglab.com

Europe: europe@ptglab.com

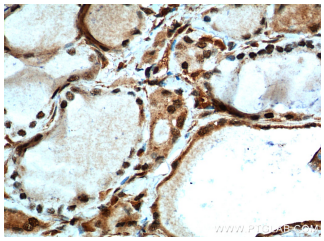
China: service@ptglab.com

MYCN Polyclonal Antibody

Catalog number: 10159-2-AP
Size: 52 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
MYCN; bHLHe37, MODED, MYCN, N myc, N myc proto oncogene protein, ODED



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 10159-2-AP(MYCN antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human thyroid cancer tissue slide using 10159-2-AP(MYCN Antibody) at dilution of 1:200 (under 40x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).

Background

MYCN, also named as BHLHE37 and NMYC, is a transcription factor. It is primarily expressed in normal developing embryos and is thought to be critical in brain and other neural development. It is often amplified in human neuroblastomas. IR34A can suppress MYCN expression, it suggest MYCN has a role in cell growth. The expression of the MCYN is upregulated in a variety of human tumors, most frequently neuroblastoma, where the level of expression appears to increase as the tumor progresses.

Applications

Tested applications:	**ELISA, WB, IHC**
Cited applications:	**IHC**
Species specificity:	**Human, Mouse, Rat; other species not tested.**
Cited species:	**Human, mouse**
Calculated MYCN MW:	**65 kDa**
Observed MYCN MW:	**67 kDa**
Positive WB detected in	**SKOV-3 cells, C6 cells, mouse brain tissue, rat brain tissue, SH-SY5Y cells**
Positive IHC detected in	**Human thyroid cancer tissue**
Recommended dilution:	**WB: 1:200-1:2000** **IHC: 1:50-1:500**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag0193**
GenBank accession number:	**BC002712**
Gene ID (NCBI):	**4613**
Full name:	**V-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**