

MYCN Polyclonal Antibody | anti-MYCN antibody

MYCN Polyclonal Antibody

CATALOG # AAA36746	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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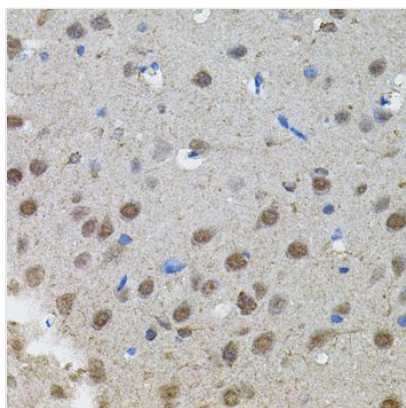
PRODUCT SYNONYMS

MYCN; Polyclonal Antibody; MYCN Polyclonal Antibody; N-Myc: NMYC; ODED; MODED; N-myc; MYCNOT; bHLHe37; anti-MYCN antibody

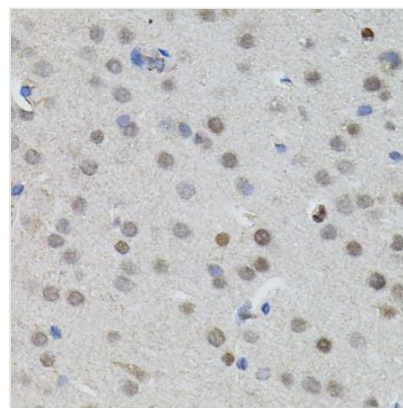
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	464
Applicable Applications for anti-MYCN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Category	Primary antibody
Source	Rabbit
Immunogen	Recombinant protein of human MYCN
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

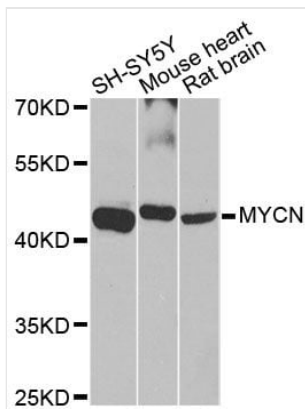
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using MYCN antibody (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using MYCN antibody (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYCN antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYCN antibody	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 requently neuroblastoma, where the level of expression appearts to increase as teh tumor progress.
Product Categories/Family for anti-MYCN antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	127604
NCBI GeneID	4613
UniProt Accession #	P04198; Q53XS5; Q6LDT9
Molecular Weight	65kDa
NCBI Official Full Name	N-myc proto-oncogene protein
NCBI Official Synonym Full Names	v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog
NCBI Official Symbol	MYCN
NCBI Official Synonym Symbols	NMYC; ODED; MODED; N-myc; bHLHe37
NCBI Protein Information	N-myc proto-oncogene protein; pp65/67; oncogene NMYC; neuroblastoma MYC oncogene; class E basic helix-loop-helix protein 37; neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene
UniProt Protein Name	N-myc proto-oncogene protein
UniProt Gene Name	MYCN
UniProt Synonym Gene Names	BHLHE37; NMYC; bHLHe37
UniProt Entry Name	MYCN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.