

Rabbit MYCN Polyclonal Antibody | anti-MYCN antibody

MYCN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29712	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, Immunofluorescence

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	n-Myc Antibody detects endogenous levels of total n-Myc
Purity/Purification	Antigen affinity purification.
Form/Format	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	464
Applicable Applications for anti-MYCN antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence)
Application Notes	IHC 1:50-1:200 WB dilution: 1:500-1:2000 IF dilution: 1:100-1:500
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human n-Myc, corresponding to a region within the internal amino acids.
Target Name	MYCN
Preparation and Storage	Store at -20°C

IMAGES


WB (Western Blot)

AAA29712 Western blot analysis of N Myc expression in CACO-2 cells.


WB (Western Blot)

AAA29712 Western blot analysis of extracts from C6 cells, using N Myc Antibody. The lane on the left was treated with blocking peptide.



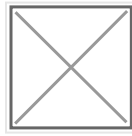
WB (Western Blot)

Western blot analysis of extracts from CACO-2, using N Myc Antibody. The lane on the left was treated with blocking peptide.



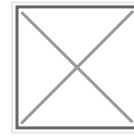
IF (Immunofluorescence)

AAA29712 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA29712 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue)



IHC (Immunohistochemistry)

AAA29712 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



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ADDITIONAL INFORMATION

Related Product Information for anti-MYCN antibody	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.
Product Categories/Family for anti-MYCN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	648216288
NCBI GeneID	4613
NCBI Accession #	NP_001280157.1
NCBI GenBank Nucleotide #	NM_001293228.1
UniProt Accession #	P04198 ; Q53XS5 ; Q6LDT9
Molecular Weight	Calculated MW: 50kDa
NCBI Official Full Name	N-myc proto-oncogene protein isoform 1
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
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.

