

ARG58948 anti-n Myc antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes n Myc
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	n Myc
Species	Human
Immunogen	Recombinant protein of Human n Myc.
Conjugation	Un-conjugated
Alternate Names	NMYC; bHLHe37; MODED; Class E basic helix-loop-helix protein 37; N-myc; N-myc proto-oncogene protein; ODED

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SH-SY5Y	
Observed Size	45 kDa	

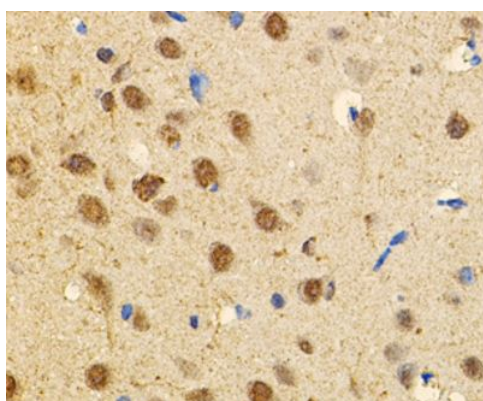
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

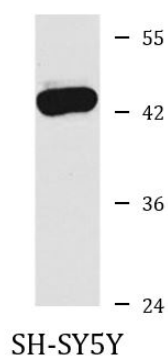
Gene Symbol	MYCN
Gene Full Name	v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog
Background	This gene is a member of the MYC family and encodes a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein 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. [provided by RefSeq, Jun 2014]
Function	Positively regulates the transcription of NCYM in neuroblastoma cells. [UniProt]
Calculated Mw	50 kDa
PTM	Phosphorylated by GSK3-beta which may promote its degradation. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG58948 anti-n Myc antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain stained with ARG58948 anti-n Myc antibody.



ARG58948 anti-n Myc antibody WB image

Western blot: 25 µg of SH-SY5Y cell lysate stained with ARG58948 anti-n Myc antibody at 1:1000 dilution.