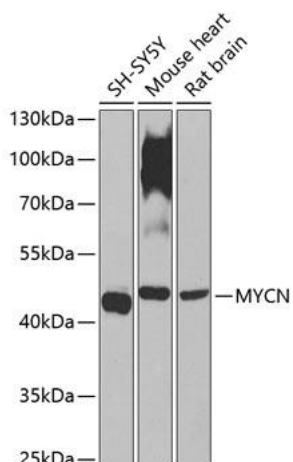
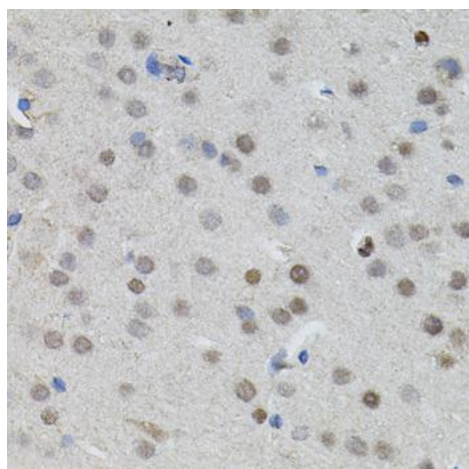


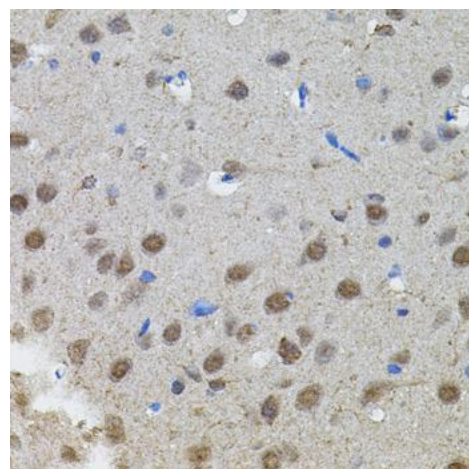
Product name:	N-MYC
Cat number:	AB-84269
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 168-267 of human MYCN
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
Molecular Weight:	49kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
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.



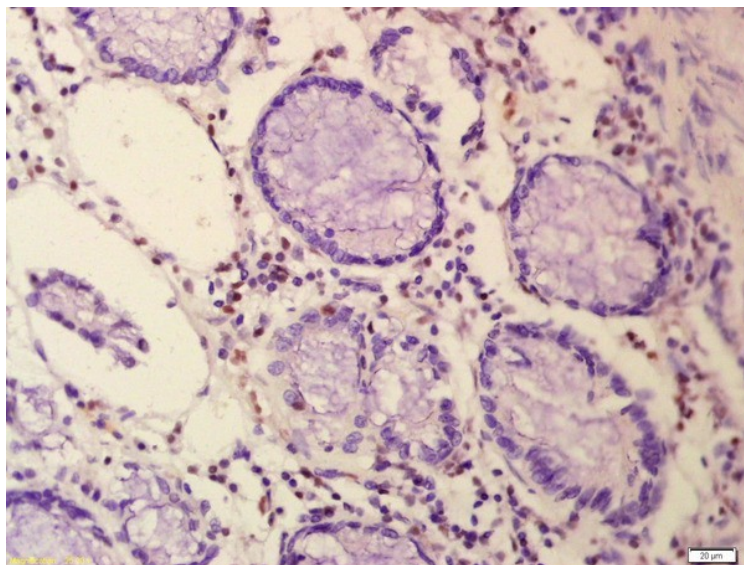
Western blot analysis of extracts of various cell lines, using MYCN antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.
Exposure time: 90s.



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



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



Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-n-Myc Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.