

## Anti-n-Myc Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 49 kDa. Actual: 50-63 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample:
	Lane 1: Human SH-SY5Y cell Lysates
	Lane 2: Human Hela cell Lysates
	Primary: Anti-n-Myc (TMAB-09545) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 49 kDa
	Observed band size: 60 kDa
	2. Sample: Heart (Mouse) Lysate at 40 µg
	Primary: Anti-n-Myc (TMAB-09545) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49 kD	
Observed band size: 49 kD	
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human n-Myc
Antigen Species:	Human
Gene ID:	4613
Uniprot ID:	P04198

### Research 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. [provided by RefSeq, Jul 2008].

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481