

## Polyclonal Antibody to c-Myc - Aff - Purified

<b>Alternate names:</b>	BHLHE39, Class E basic helix-loop-helix protein 39, Myc proto-oncogene protein, Transcription factor p64
<b>Catalog No.:</b>	AP06238PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	<p>Drosophila melanogaster is a proven and effective model for studying developmental and cellular processes common to higher eukaryotes. Approximately 13,600 genes have been elucidated from more than 120 megabases of euchromatin, and they are organized among the chromosomes 2, 3, 4, X and Y, with the Y chromosome being predominately heterochromatic. Drosophila genes can be categorized based on the type of protein they encode and are represented by six major classifications, which include intracellular signaling proteins, transmembrane proteins, RNA binding proteins, secreted factors, transcription regulators (basic helix-loop-helix, homeodomain containing, zinc finger containing and chromatin associated) or other functional proteins. Many of the proteins in Drosophila are structurally and functionally similar across species, as are the pathways involved in transducing intracellular signaling. Among these proteins, Myc (d-Myc, dMyc1) is a transcription factor that links patterning signals to cell division by regulating events coordinating cellular growth and metabolism.</p>
<b>Uniprot ID:</b>	<a href="#">P01106</a>
<b>NCBI:</b>	<a href="#">NP_002458.2</a>
<b>GeneID:</b>	<a href="#">4609</a>
<b>Host:</b>	Rabbit
<b>Format:</b>	<p><b>State:</b> Liquid purified Ig fraction (&gt; 95% pure by SDS-PAGE). <b>Purification:</b> Affinity Chromatography using epitope-specific immunogen. <b>Buffer System:</b> Phosphate buffered saline (PBS), pH~7.2 containing 15mM Sodium Azide as preservative.</p>
<b>Applications:</b>	<p>ELISA: 1/20000-1/40000. Western Blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<p>This antibody detects endogenous levels of Myc protein. <b>Species:</b> Human, Mouse, Rat. Other species not tested.</p>
<b>Add. Information:</b>	Molecular Weight: ~49 kDa

**For research and in vitro use only. Not for diagnostic or therapeutic work.**  
Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

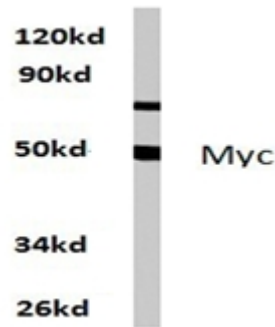


**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
Avoid repeated freezing and thawing.  
Shelf life: One year from despatch.

**Pictures:**

Western blot (WB) analysis of Myc antibody in extracts from A549 cells at 1/500 dilution.



Immunohistochemistry (IHC) analyzes of Myc antibody in paraffin-embedded human breast carcinoma tissue.

