

Polyclonal Antibody to c-Myc - Aff - Purified

Alternate names:	BHLHE39, Class E basic helix-loop-helix protein 39, Myc proto-oncogene protein, Transcription factor p64
Catalog No.:	AP06237PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	<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>
Uniprot ID:	P01106
NCBI:	NP_002458.2
GeneID:	4609
Host:	Rabbit
Format:	State: Liquid purified Ig Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.
Applications:	ELISA: 1: 20000~1:40000. WB: 1:500~1:1000. IHC: 1:50~1:200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects endogenous levels of Myc protein. Species: Human, Mouse, Rat. Other species not tested.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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

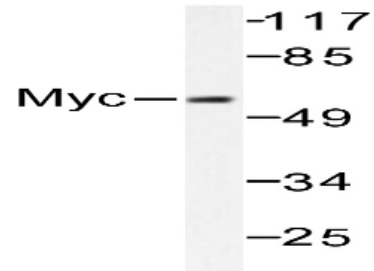


Storage:

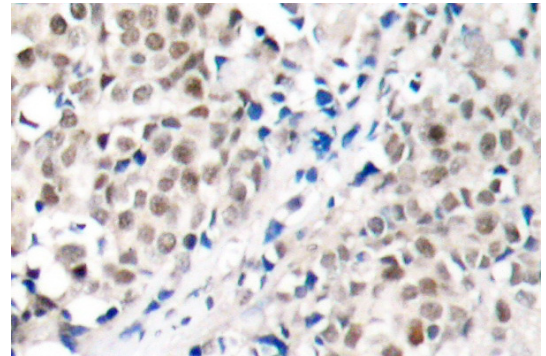
Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures:

Western blot (WB) analysis of Myc antibody in extracts from NIH/3T3 treated with EGF.



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



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