

Product datasheet for **AP06240PU-N**

c-Myc (MYC) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Western blot: 1/500-1/1000. Immunohistochemistry on paraffin sections: 1/50-1/200. Immunofluorescence: 1/50-1/200. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide, corresponding to amino acids 31-80 of Human Myc. |
| Specificity: | This antibody detects endogenous levels of Myc protein. (region surrounding Leu56) |
| Formulation: | Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide |
| Concentration: | 1.0 mg/ml |
| Purification: | Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE) |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | ~ 50 to 65 kDa |
| Gene Name: | v-myc avian myelocytomatosis viral oncogene homolog |
| Database Link: | Entrez Gene 4609 Human P01106 |



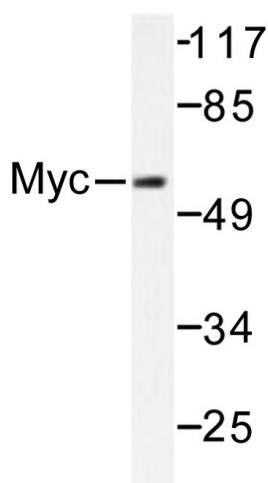
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Background:

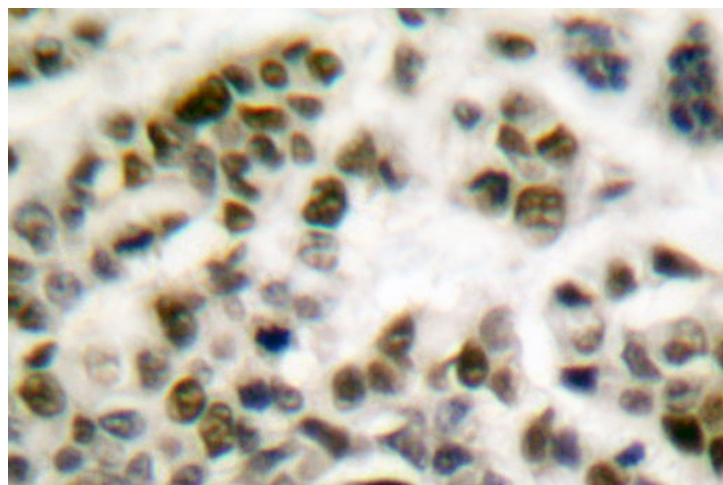
Drosophila melanogaster is a proven and effective model for studying developmental and cellular processes common to higher eukaryotes. *Drosophila* genes can be categorized based on the type of protein they encode and are represented by six major classifications, which include intracellular signaling 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.

Synonyms:

Transcription factor p64, BHLHE39

Product images:


Western blot (WB) analysis of Myc antibody in extracts from ovary cancer cells.



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