

L-Myc Polyclonal antibody

Catalog Number: 14584-1-AP

1 Publications

Basic Information

Catalog Number:

14584-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6105

GenBank Accession Number:

BC011864

GeneID (NCBI):

4610

UNIPROT ID:

P12524

Full Name:v-myc myelocytomatosis viral
oncogene homolog 1, lung carcinoma
derived (avian)**Calculated MW:**

40 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : NCI-H1299 cells, U266 cells

Background Information

The MYC gene family consists of 3 members, C-MYC, L-MYC, and N-MYC, all of which belong to the superfamily of basic helix-loop-helix leucine zipper (bHLHLZ) DNA binding proteins. L-MYC encodes a nuclear phosphoprotein with 364 amino acids, heterodimerizing with partner protein Max and acts as a transcription factor to control the expression of target genes. L-Myc is involved in many biological processes, including cell proliferation, differentiation, apoptosis and has been found to be amplified and over-expressed in some malignancies. L-Myc amplification has been reported in small-cell lung cancer (PMID: 25528583, 33524794). The observed molecular weight of L-Myc is 68 kDa, which is consistent with the description in the literature (PMID: 8657155).

Notable Publications

Author	Pubmed ID	Journal	Application
Donglim Esther Park	32284543	Nat Cell Biol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

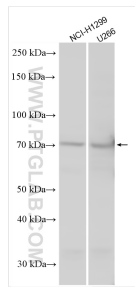
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14584-1-AP (L-Myc antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.