

Rabbit Anti-c-myc peptide Polyclonal Antibody

Rabbit, Polyclonal (c-myc peptide)

Cat. No. DPAB0519

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Rabbit Antibody to C-MYC (EQKLISEEDL) peptide

Specificity: Verified by ELISA against the peptide conjugated to BSA (EQKLISEEDL-BSA).

Immunogen: EQKLISEEDL (C-MYC) conjugated with KLH.

Host animal: Rabbit

Format: Affinity Purified, Liquid

Applications: ELISA: 1:5,000-1:15,000; Western blot: 1:1,000-1:10,000; Immunoprecipitation: 1:250-1:500; Immunofluorescence: 1:200-1:1,000; Immunohistochemistry: 1:1,000; Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Purification: immunoaffinity purified using the peptide immobilized on a solid phase.

REFERENCES

1. Leonhardt RM et al. Proprotein convertases process Pmel17 during secretion. J Biol Chem : (2011). WB.
2. Muñoz-Descalzo S et al. Modulation of the ligand-independent traffic of Notch by Axin and Apc contributes to the activation of Armadillo in Drosophila.

BACKGROUND

Introduction: Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells.

Keywords: c Myc; c Myc Epitope Tag; c Myc Tag; Myc Epitope Tag; Myc proto-oncogene protein; Transcription factor p64; C-myc peptide;

PACKAGING

Concentration: 1mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: PBS, pH 7.2

Preservative: 0.1% Sodium Azide

Storage: Store at 2–8°C.