



Product Information Sheet

Polyclonal Anti- Protein Phosphatase 2A Catalytic, *PP2A* (Magnetic Bead Conjugate)

Catalogue No. PA1068-M

Lot No. 05D01

Ig type: rabbit IgG1

Size: 100µg/Vial

Specificity

Human, mouse, rat.
No cross reactivity with other proteins.

Recommended application

Immunoprecipitation (IP)

Immunogen

A synthetic peptide corresponding to a sequence mapping near the N-terminal of human PP2A, identical to the related rat and mouse sequence.

Purification

Immunogen affinity purified

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation

BACKGROUND

The catalytic subunit of human protein phosphatase 2A (PPP2CA) encodes a 309-amino acid polypeptide. It is localized to chromosome 5. The gene (approximately 30 kbp) is composed of seven exons and six introns. It is predicted to be important for phosphatase enzymatic activity. Methylation of the C-terminal leucine residue (Leu309) of protein serine/threonine phosphatase 2A catalytic subunit (PP2AC) is known to regulate catalytic activity in vitro. Furthermore, PP2A has a fundamental role in cardiac function, and suggests that disturbances in protein phosphatase expression and activity may cause or exacerbate the course of cardiac diseases.

REFERENCE

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