
PP-2A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250831

Unit: 0.1 mg

Description:

The serine/threonine protein phosphatase 2A catalytic subunit alpha isoform (PP2A alpha) modulates the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. PP2A alpha dephosphorylates the SV40 large T antigen and p53, dephosphorylates the SV40 large T antigen, preferentially on serine residues 120, 123, 677, and perhaps 679. PP2A consists of a common heterodimeric core enzyme composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (subunit A) that associates with a variety of regulatory subunits. The C subunit is the most active, followed by the AC form, which is more active than the ABC form, and activity of all three forms is strongly stimulated by manganese, and to a lesser extent by magnesium. This antibody reacts with the catalytic subunit (subunit C).

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2A-alpha; Replication protein C; RP-C; PPP2CA

Accession No.: P67775

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PP2A.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.