

PP6C Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252096

Unit: 0.1 mg

Description:

Serine/threonine-protein phosphatase 6 catalytic subunit (PP6C A) is the catalytic subunit of protein phosphatase 6 (PP6). PP6 is a component of a signaling pathway regulating cell cycle progression in response to IL2 receptor stimulation. The N-terminal domain of PP6C A restricts G1 to S phase progression in cancer cells, in part through control of cyclin D1. PP6C A downregulates MAP3K7 kinase activation of the IL1 signaling pathway by dephosphorylation of MAP3K7. PP6C A is ubiquitously expressed in all tissues tested with highest expression levels in testis, heart, kidney, brain, stomach, liver and skeletal muscle and lowest in placenta, lung colon and spleen.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

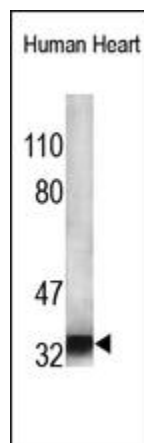
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Serine/threonine-protein phosphatase 6 catalytic subunit; PP6C; PPP6C; PPP6

Accession No.: O00743

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PPP6C.

Application Notes: E: 1:10,000-1:50,000; WB: 1:500-1:2,000



The PPP6C Antibody is used in Western blot to detect PPP6C in human fetal heart lysates.

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.