
PPP1A (6D1) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252958

Unit: 0.1 ml

Description:

PP-1A (Serine/threonine-protein phosphatase PP1-alpha catalytic subunit) is a 330 amino acid protein (~38 kD). It is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. PP-1A is involved in the regulation of ionic conductances and long-term synaptic plasticity. PP-1A plays an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca²⁺/calmodulin dependent protein kinase II.

Isotype: Mouse IgG1

Applications: WB, IF

Species Reactivity: H, M

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: PP-1A; Serine/threonine-protein phosphatase PP1-alpha catalytic subunit; PPP1CA; PPP1A

Accession No.: P62136

Antigen: Purified recombinant fragment of human PPP1A expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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