

PP2A alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252119

Unit: 0.1 mg

Description:

Serine/threonine-protein phosphatase 2A catalytic subunit A (PP2 alpha/beta) plays a role in activating myosin contractile function. PP2 alpha/beta dephosphorylates threonine at 'Thr-1823', 'Thr-1833' and 'Thr-2029' in the C-terminal tail region of myosin II heavy chain (mhca). PP2 alpha/beta drives the assembly of dephosphorylated myosin II filaments to allow myosin recruitment into the cytoskeleton.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

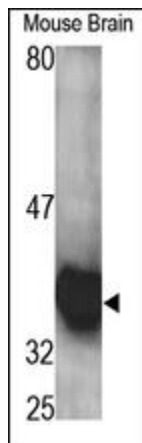
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: PP2 alpha; Serine/threonine-protein phosphatase 2A catalytic subunit A; Protein phosphatase 2A 37 kDa catalytic subunit

Accession No.: Q9XZE5

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human PP2A alpha .

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



The PP2A alpha Antibody is used in Western blot to detect PP2A alpha in mouse brain 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.