

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PP2A ALPHA/BETA RABBIT MAB

Cat.#: N262744

Product Name: Anti-PP2A alpha/beta Rabbit Monoclonal Antibody

Synonyms: PPP2CA; Serine/threonine-protein phosphatase 2A catalytic

subunit alpha isoform; PP2A-alpha; Replication protein C; RP-C

UNIPROT ID: P67775

Background: PP2A is the major phosphatase for microtubule-associated proteins (MAPs). PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. Cooperates with SGOL2 to protect centromeric cohesin from separase-mediated cleavage in oocytes specifically during meiosis I (By similarity). Can dephosphorylate SV40 large T antigen and p53/TP53. Activates RAF1 by dephosphorylating it at 'Ser-259'.

Immunogen: A synthetic peptide of human PP2A alpha

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP:

1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-4G4

MW: Calculated MW: 36 kDa; Observed MW: 36 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat, Hamster

Conjugation: Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

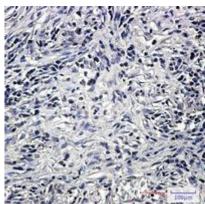
Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

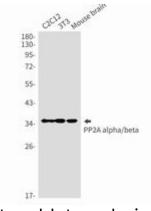


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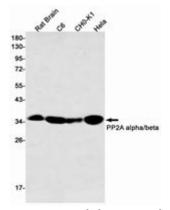
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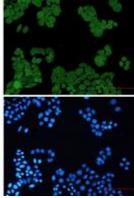
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using PP2A alpha/beta antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of PP2A alpha/beta in C2C12, 3T3, mouse brain lysates using PP2A alpha/beta antibody.



Western blot analysis of PP2A alpha/beta in rat Brain, C6, CHO-K1, Hela lysates using PP2A alpha/beta antibody.



Immunocytochemistry analysis of PP2A alpha/beta (green) in hela using PP2A alpha/beta antibody,and DAPI(blue).