

Anti-PP2A alpha/beta Rabbit mAb

Purified Rabbit Monoclonal Antibody

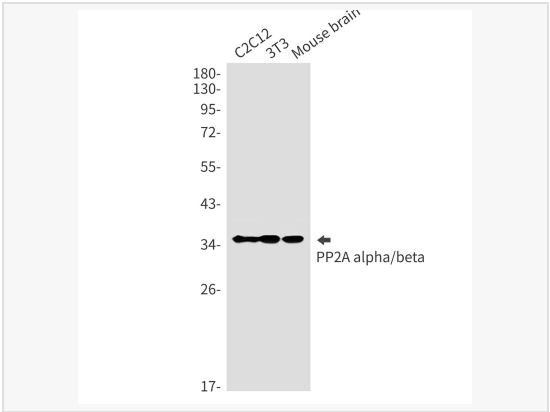
Catalog # R011679

Product Information

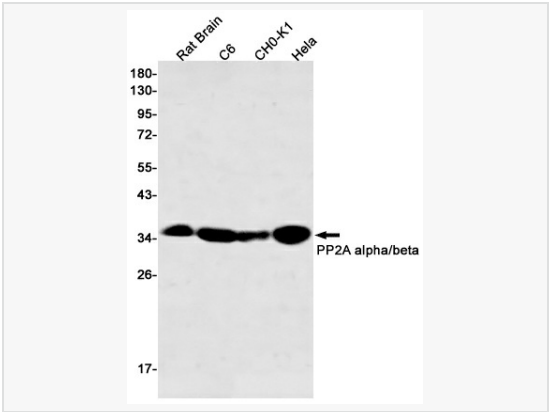
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Hamster, Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	68K98L03
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human PP2A alpha
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PP2A alpha/beta antibody [68K98L03] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

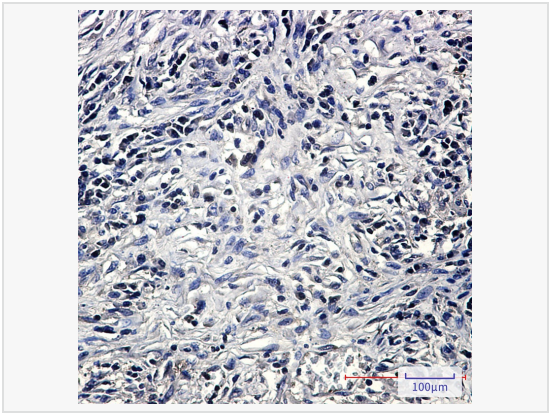
Synonyms	PPP2CA, Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform, PP2A-alpha, Replication protein C, RP-C.
Calculated MW	Calculated MW: 36 kDa; Observed MW: 36 kDa
Uniprot ID	P67775
Gene ID	5515
Background	PP2A is the major phosphatase for microtubule-associated proteins (MAPs). 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'.



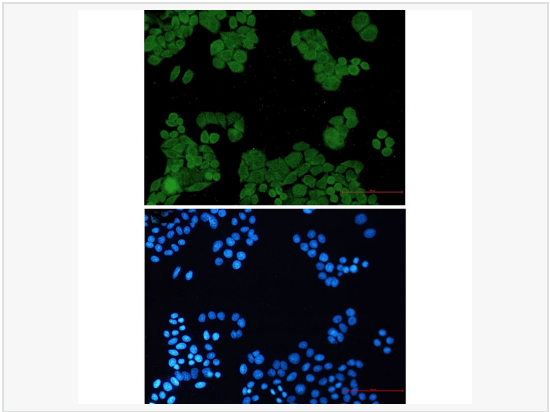
Western blot analysis of PP2A alpha/beta in C2C12, 3T3, mouse brain lysates using PP2A alpha/beta antibody.



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



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.



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