

Product Datasheet

PP2A alpha + beta Antibody

Catalog No: CY5564

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC IP



www.abways.com

Information

UniProt ID: P62714/P67775

All Names: PP2A alpha; PP2A beta; Replication protein C; PPP2CA; PPP2CB;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 36 kDa

Application

WB: 1:500~1:2000

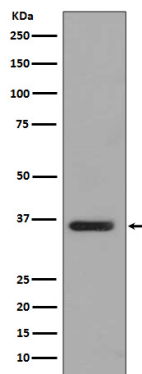
IHC: 1:50~1:200

ICC: 1:50~1:200

IP: 1:50

Background

Protein phosphatase type 2A (PP2A) is an essential protein serine/threonine phosphatase that is conserved in all eukaryotes. PP2A is a key enzyme within various signal transduction pathways as it regulates fundamental cellular activities such as DNA replication, transcription, translation, metabolism, cell cycle progression, cell division, apoptosis and development (1-3). The core enzyme consists of catalytic C and regulatory A (or PR65) subunits, with each subunit represented by α and β isoforms (1). Additional regulatory subunits belong to four different families of unrelated proteins. Both the B (or PR55) and B' regulatory protein families contain α , β , γ and δ isoforms, with the B' family also including an ϵ protein.



Western blot analysis of PP2A alpha+beta expression in T47 D cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com