

Anti-PP2CB / PPP2CB Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17928

Product Information

Application	WB, IHC-P, E
Primary Accession	P62714
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	35575

Additional Information

Gene ID	5516
Alias Symbol	PPP2CB
Other Names	PPP2CB, PP2Abeta, Protein phosphatase 2A beta, PP2CB, PP2A-beta, pp2a2
Target/Specificity	Human PP2CB / PPP2CB
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-PP2CB / PPP2CB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PPP2CB (HGNC:9300)
Function	Catalytic subunit of protein phosphatase 2A (PP2A), a serine/threonine phosphatase involved in the regulation of a wide variety of enzymes, signal transduction pathways, and cellular events (Probable). PP2A can modulate the activity of phosphorylase B kinase, casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. Part of the striatin-interacting phosphatase and kinase (STRIPAK) complexes. STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling. Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation (PubMed: 18782753).
Cellular Location	Cytoplasm. Nucleus. Chromosome, centromere. Cytoplasm, cytoskeleton, spindle pole. Note=In prometaphase cells, but not in anaphase cells, localizes at centromeres. During mitosis, also found at spindle poles

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.