10320 Camino Santa Fe, Suite G
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PPP2CB Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13765b

Specification

PPP2CB Antibody (C-term) - Product Information

Application	**IHC-P, WB,E**
Primary Accession	P62714
Other Accession	P23696, P62716, P11611, P11493, P62715, Q0P594, P63331, P67777, P67776, P63330, P67775, P48463, P67774, NP_001009552.1, G5EGK8
Reactivity	**Human**
Predicted	**Bovine, Chicken, Mouse, Pig, Rabbit, Rat, C.Elegans, Drosophila**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35575**
Antigen Region	**278-307**

PPP2CB Antibody (C-term) - Additional Information

Gene ID 5516

Other Names
Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform, PP2A-beta, PPP2CB

Target/Specificity
This PPP2CB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from the C-terminal region of human PPP2CB.

Dilution
IHC-P~~1:10~50
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PPP2CB Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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PPP2CB Antibody (C-term) - 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).

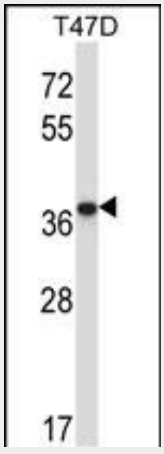
Cellular Location
Cytoplasm. Nucleus. Chromosome, centromere. Cytoplasm, cytoskeleton, spindle pole. Note=In prometaphase cells, but not in anaphase cells, localizes at centromeres. During mitosis, also found at spindle poles

PPP2CB Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PPP2CB Antibody (C-term) - Images



PPP2CB Antibody (C-term) (Cat. #AP13765b) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the PPP2CB antibody detected the PPP2CB protein (arrow).

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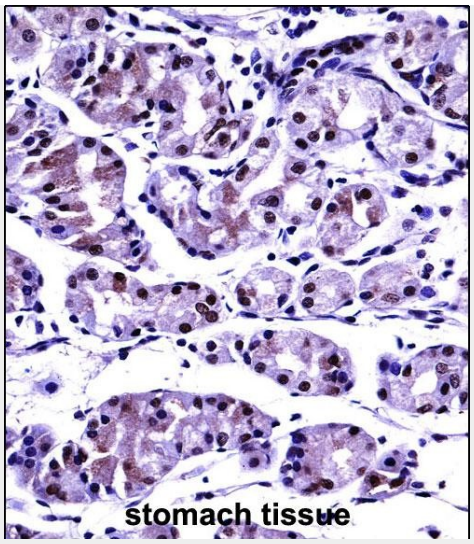

PPP2CB Antibody (C-term) (AP13765b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PPP2CB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PPP2CB Antibody (C-term) - Background

PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase.