

## Anti-PP2A-alpha/PPP2CA Antibody Picoband® Biotin Conjugated

Catalog Number: PA1068-Biotin

### About PPP2CA

The catalytic subunit of human protein phosphatase 2A (PPP2CA) encodes a 309-amino acid polypeptide. It is localized to chromosome 5. The gene (approximately 30 kbp) is composed of seven exons and six introns. It is predicted to be important for phosphatase enzymatic activity. Methylation of the C-terminal leucine residue (Leu309) of protein serine/threonine phosphatase 2A catalytic subunit (PP2AC) is known to regulate catalytic activity in vitro. Furthermore, PP2A has a fundamental role in cardiac function, and suggests that disturbances in protein phosphatase expression and activity may cause or exacerbate the course of cardiac diseases.

### Overview

Product Name	Anti-PP2A-alpha/PPP2CA Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P67775

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human PP2A-alpha, identical to the related rat and mouse sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

## 1 Publications Citing This Product

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1. PubMed ID: 19891536, Tian Hp, Qiu Tz, Zhao J, Li Lx, Guo J. Brain Inj. 2009 Dec;23(13-14):1073-80. Doi: 10.3109/02699050903379388. Sphingomyelinase-Induced Ceramide Production Stimulate Calcium-Independent Jnk And Pp2A Activation Following Cerebral Ischemia.

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Anti-PP2A-alpha/PPP2CA Antibody - Biotin

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