

Immunotag™ PPP2CA Antibody

Antibody Specification	
Catalog No.	ITA7653
Product Description	Immunotag™ PPP2CA Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PPP2CA
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PPP2CA
Specificity	PPP2CA Antibody detects endogenous levels of total PPP2CA
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PPP2CA
Accession No.	P67775
Alternate Names	PP2A alpha; PP2A-alpha; PP2AA_HUMAN; PP2Aalpha; PP2Ac; PP2CA; PP2Calpha; PPP2CA; Protein phosphatase 2 (formerly 2A) catalytic subunit alpha isoform; Protein phosphatase 2 catalytic subunit alpha isoform; Protein phosphatase 2, catalytic subunit, alpha isozyme; Protein phosphatase 2A catalytic subunit, alpha isoform; Replication protein C; RP C; RP-C; RPC; Serine/threonine protein phosphatase 2A catalytic subunit alpha isoform; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform;

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Description	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 SGO2 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'.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	36 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.