

## PP2A alpha (Phospho-Tyr307) Conjugated Antibody

Catalog No: #C14129



Package Size: #C14129-AF350 100ul #C14129-AF405 100ul #C14129-AF488 100ul

#C14129-AF555 100ul #C14129-AF594 100ul #C14129-AF647 100ul

#C14129-AF680 100ul #C14129-AF750 100ul #C14129-Biotin 100ul

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## Description

Product Name	PP2A alpha (Phospho-Tyr307) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-PP2A alpha (Y307) Antibody detects endogenous levels of total Phospho-PP2A alpha (Y307)
Immunogen Description	A synthesized peptide derived from human Phospho-PP2A alpha (Y307)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	eplication protein C; PP2A-alpha; Replication protein C; RP-C; PPP2CA; MGC786
Accession No.	Uniprot:P67775
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	35kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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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 SGOL2 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'.

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Note: This product is for in vitro research use only