

PPP1CA+PPP1CB Conjugated Antibody

Catalog No: #C56016



Package Size: #C56016-AF350 100ul #C56016-AF405 100ul #C56016-AF488 100ul

#C56016-AF555 100ul #C56016-AF594 100ul #C56016-AF647 100ul

#C56016-AF680 100ul #C56016-AF750 100ul #C56016-Biotin 100ul

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Description

Product Name	PPP1CA+PPP1CB Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	PPP1CA + 1CB Antibody detects endogenous levels of total PPP1CA + 1CB
Immunogen Description	A synthesized peptide derived from human PPP1CA + 1CB
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PP-1A; PP-1B; PP1A; PP1alpha; PP1B; PP1beta; PPP1A; PPP1CD
Accession No.	Uniprot:P62136/ P62140
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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	37kDa
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

Protein phosphatase that associates with over 200 regulatory proteins to form highly specific holoenzymes which dephosphorylate hundreds of biological targets. Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Involved in regulation of ionic conductances and long-term synaptic plasticity.

Note: This product is for in vitro research use only