Anti-2AAA antibody

Description	Unconjugated Rabbit polyclonal to 2AAA

Model	STJ190194
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human 2AAA protein.
Immunogen Region	500-580aa
Gene ID	5518
Gene Symbol	PPP2R1A
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	2AAA Polyclonal Antibody detects endogenous levels of protein.
Purification	2AAA antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform Medium tumor antigen-associated 61 kDa protein PP2A subunit A isoform PR65-alpha PP2A subunit A isoform R1-alpha
Molecular Weight	64 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9302OMIM:605983
Alternative Names	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform Medium tumor antigen-associated 61 kDa protein PP2A subunit A isoform PR65-alpha PP2A subunit A isoform R1-alpha
Function	The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. Upon interaction with GNA12 promotes dephosphorylation of microtubule associated protein TAU/MAPT . Required for proper chromosome segregation and for centromeric localization of SGO1 in mitosis .
Sequence and Domain Family	Each HEAT repeat appears to consist of two alpha helices joined by a hydrophilic region, the intrarepeat loop. The repeat units may be arranged laterally to form a rod-like structure.
Cellular Localization	Cytoplasm Chromosome, centromere Lateral cell membrane Cell projection, dendrite. Centromeric localization requires the presence of BUB1.