Anti-CCNY antibody

Description	Unconjugated Rabbit polyclonal to CCNY

Model	STJ191671
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CCNY protein.
Immunogen Region	270-350aa
Gene ID	219771
Gene Symbol	CCNY
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CCNY Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed.
Purification	CCNY antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cyclin-Y Cyc-Y Cyclin box protein 1 Cyclin fold protein 1 cyclin-X
Molecular Weight	37 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:23354OMIM:612786
Alternative Names	Cyclin-Y Cyc-Y Cyclin box protein 1 Cyclin fold protein 1 cyclin-X
Function	Positive regulatory subunit of the cyclin-dependent kinases CDK14/PFTK1 and CDK16. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway. Recruits CDK16 to the plasma membrane. Isoform 3 might play a role in the activation of MYC-mediated transcription.
Cellular Localization	Cell membrane Isoform 3: Nucleus.
Post-translational Modifications	Ubiquitinated; leading to its degradation. Heavily phosphorylated. Phosphorylation at Ser-71 and Ser-73 by CDK14 is enhanced during the G2 and M cell cycle phases, and creates a phosphodegron triggering SCF-dependent ubiquitination.