

Anti-CDK3 antibody



Description	Unconjugated Rabbit polyclonal to CDK3
Model	STJ190276
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CDK3 protein.
Immunogen Region	10-90aa
Gene ID	1018
Gene Symbol	CDK3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CDK3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in cancer cell lines and glioblastoma tissue.
Purification	CDK3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cyclin-dependent kinase 3 Cell division protein kinase 3
Molecular Weight	33 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:1772OMIM:123828
Alternative Names	Cyclin-dependent kinase 3 Cell division protein kinase 3
Function	Serine/threonine-protein kinase that plays a critical role in the control of the eukaryotic cell cycle; involved in G0-G1 and G1-S cell cycle transitions. Interacts with CCNC/cyclin-C during interphase. Phosphorylates histone H1, ATF1, RB1 and CABLES1. ATF1 phosphorylation triggers ATF1 transactivation and transcriptional activities, and promotes cell proliferation and transformation. CDK3/cyclin-C mediated RB1 phosphorylation is required for G0-G1 transition. Promotes G1-S transition probably by contributing to the activation of E2F1, E2F2 and E2F3 in a RB1-independent manner.

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