Anti-Cdk11A/B antibody

Description	Rabbit polyclonal to Cdk11A/B.

Model	STJ92196
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Cdk11A/B
Immunogen Region	190-270 aa, Internal
Gene ID	728642
Gene Symbol	CDK11A
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	Cdk11A/B Polyclonal Antibody detects endogenous levels of Cdk11A/B protein.
Tissue Specificity	Expressed ubiquitously. Some evidence of isoform-specific tissue distribution.
Purification	The 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 11A Cell division cycle 2-like protein kinase 2 Cell division protein kinase 11A Galactosyltransferase-associated protein kinase p58/GTA PITSLRE serine/threonine-protein kinase CDC2L2
Molecular Weight	90 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1730OMIM:116951
Alternative Names	Cyclin-dependent kinase 11A Cell division cycle 2-like protein kinase 2 Cell division protein kinase 11A Galactosyltransferase-associated protein kinase p58/GTA PITSLRE serine/threonine-protein kinase CDC2L2
Function	Appears to play multiple roles in cell cycle progression, cytokinesis and apoptosis. The p110 isoforms have been suggested to be involved in pre-mRNA splicing, potentially by phosphorylating the splicing protein SFRS7. The p58 isoform may act as a negative regulator of normal cell cycle progression.
Cellular Localization	Cytoplasm. Nucleus.
Post-translational Modifications	During apoptosis, induced by Fas or tumor necrosis factor, specific CKD11 p110 isoforms are cleaved by caspases to produce a protein (p110C) that contains the C-terminal kinase domain of the CDK11 proteins.