

Product datasheet for **TA357963**

CDK11A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	84kDa
Gene Name:	cyclin-dependent kinase 11A
Database Link:	NP_277071 Entrez Gene 728642 Human Q9UQ88



[View online »](#)

Background:

This gene encodes a member of the p34Cdc2 protein kinase family. p34Cdc2 kinase family members are known to be essential for eukaryotic cell cycle control. This gene is in close proximity to CDC2L1, a nearly identical gene in the same chromosomal region. The gene loci including this gene, CDC2L1, as well as metalloprotease MMP21/22, consist of two identical, tandemly linked genomic regions, which are thought to be a part of the larger region that has been duplicated. This gene and CDC2L1 were shown to be deleted or altered frequently in neuroblastoma with amplified MYCN genes. The protein kinase encoded by this gene could be cleaved by caspases and was demonstrated to play roles in cell apoptosis. Many transcript variants encoding several different isoforms have been found for this gene, but the full-length nature of only two have been determined so far.

Synonyms:

CDC2L2; CDC2L3; CDK11-p46; CDK11-p58; CDK11-p110; p58GTA; PITSLRE

Protein Families:

Druggable Genome

Product images:


WB Suggested Anti-CDK11A Antibody
Titration: 1.0 ug/ml
Positive Control: Fetal Brain



Host: Rabbit
Target name: CDK11A
Positive control: ~25ug HeLa Cell Lysate (HL)
Negative control: ~25ug MCF7 Cell Lysate (MCF7)
Antibody concentration: 1ug/ml

Host: Rabbit
Target: CDK11A
Positive control (+): HeLa Cell Lysate (HL)
Negative control (-): MCF7 Cell Lysate (N10)
Antibody concentration: 1ug/ml