

Datasheet for ABIN2788912

**anti-Cyclin-Dependent Kinase 11A (CDK11A) (C-Term)
antibody**[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Cyclin-Dependent Kinase 11A (CDK11A)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Rat, Rabbit, Cow, Horse, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	EYFRETPLPI DPSMFPTWPA KSEQQRVKRG TSPRPPEGGL GYSQLGDDDL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CDK11A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Cyclin-Dependent Kinase 11A (CDK11A)
Alternative Name:	CDK11A (CDK11A Products)
Background:	This gene encodes a member of the p34Cdc2 protein kinase family. p34Cdc2 kinase family

Target Details

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.

Alias Symbols: CDC2L2, CDC2L3, p58GTA, PITSLRE, CDK11-p46, CDK11-p58, CDK11-p110

Protein Interaction Partner: UBC, CDC37, FKBP5, PIN1, CDK11A, HKR1, C18orf25, RBM25, ZFP14, PRPF40A, NOP58, ZNF510, ZNF460, ZNF267, ZNF33A, PSMD1, KPNA2, KPNB1, CSNK2B, CSNK2A2, CSNK2A1, CDKN2A, A2M, SOX2, Dlg4, GADD45A, HSP90AA1, SMAD3, SUMO2, CCNL1, SRSF7, RNPS1, KAT7, PAK1, CASP8,

Protein Size: 767

Molecular Weight:	84 kDa
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Gene ID:	728642
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NCBI Accession:	NM_033529 , NP_277071
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UniProt:	Q9UQ88
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Pathways:	M Phase
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 767 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Images



Western Blotting

Image 1. WB Suggested Anti-CDK11A Antibody Titration:
1.0 ug/ml Positive Control: Fetal Brain