

Datasheet for ABIN6138305  
**anti-CDK11 antibody (AA 1-130)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	CDK11 (CDK11B)
Binding Specificity:	AA 1-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of human CDK11B (NP_277021.2).
Sequence:	MGDEKDSWKV KTLDEILQEK KRRKEQEEKA EIKRLKNSDD RDSKRDSLEE GELRDHRMEI TIRNSPYRRE DSMEDRGEED DSLAIKPPQQ MSRKEKAHHR KDEKRKEKRR HRSHSAEGGK HARVKEKERE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

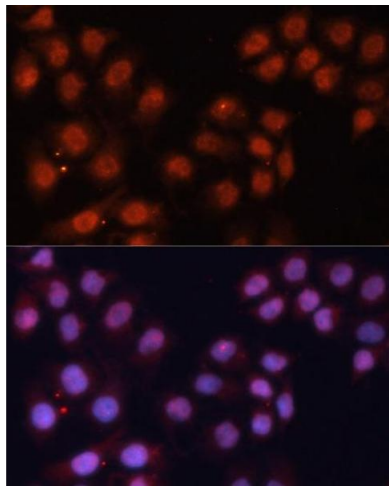
Target:	CDK11 (CDK11B)
Alternative Name:	CDK11B ( <a href="#">CDK11B Products</a> )
Background:	<p>This gene encodes a member of the serine/threonine protein kinase family. Members of this kinase family are known to be essential for eukaryotic cell cycle control. Due to a segmental duplication, this gene shares very high sequence identity with a neighboring gene. These two genes are frequently deleted or altered in neuroblastoma. The protein kinase encoded by this gene can be cleaved by caspases and may play a role in cell apoptosis. Alternative splicing results in multiple transcript variants.,CDK11B,CDC2L1,CDK11,CDK11-p110,CDK11-p46,CDK11-p58,CLK-1,PITSLREA,PK58,p58,p58CDC2L1,p58CLK-1,Epigenetics &amp; Nuclear Signaling,Cancer,Signal Transduction,Kinase,Cell Biology &amp; Developmental Biology,Apoptosis,Cell Cycle,Cell cycle inhibitors,Cyclins,CDK11B</p>
Molecular Weight:	49-92 kDa
Gene ID:	984
UniProt:	<a href="#">P21127</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha, M Phase</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

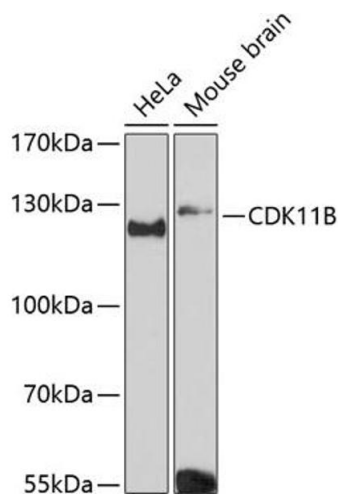
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using CDK11B antibody (ABIN6130092, ABIN6138305, ABIN6138306 and ABIN6216598) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using CDK11B Antibody (ABIN6130092, ABIN6138305, ABIN6138306 and ABIN6216598) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.