Datasheet for ABIN7266578

anti-CDK11 antibody (AA 1-130)

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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:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	CDK11B Rabbit pAb
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, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CDK11 (CDK11B)
Alternative Name:	CDK11B (CDK11B Products)
Background:	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 & Nuclear Signaling,Cancer,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Cell cycle inhibitors,Cyclins,CDK11B
Molecular Weight:	49-92kDa
Gene ID:	984
UniProt:	P21127
Pathways:	Regulation of Lipid Metabolism by PPARalpha, M Phase

Application Details

Application Notes:	IHC,1:50 - 1:200,IF,1:50 - 1:200
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.