

CDK11B Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53333

Product Information

Application	WB
Primary Accession	P21127
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92620

Additional Information

Gene ID	984
Other Names	Cyclin-dependent kinase 11B, 2.7.11.22, Cell division cycle 2-like protein kinase 1, CLK-1, Cell division protein kinase 11B, Galactosyltransferase-associated protein kinase p58/GTA, PITSLRE serine/threonine-protein kinase CDC2L1, p58 CLK-1, CDK11B, CDC2L1, CDK11, PITSLREA, PK58
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDK11B. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CDK11B
Synonyms	CDC2L1, CDK11, PITSLREA, PK58
Function	Plays multiple roles in cell cycle progression, cytokinesis and apoptosis. Involved in pre-mRNA splicing in a kinase activity- dependent manner. Isoform 7 may act as a negative regulator of normal cell cycle progression.
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Expressed ubiquitously. Some evidence of isoform- specific tissue distribution.

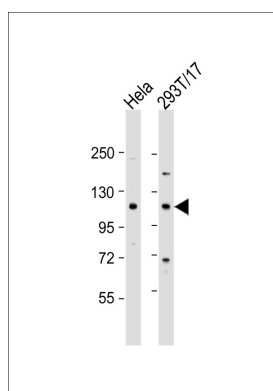
Background

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.

References

Bunnell B.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:7467-7471(1990).
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Eipers P.G.,et al.Genomics 13:613-621(1992).
Xiang J.,et al.J. Biol. Chem. 269:15786-15794(1994).
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Images



All lanes : Anti-CDK11B Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: 293T/17 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.