

## Rabbit anti-Human CDK11B Polyclonal Antibody | anti-CDK11B antibody

CDK11B Antibody

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA290591</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

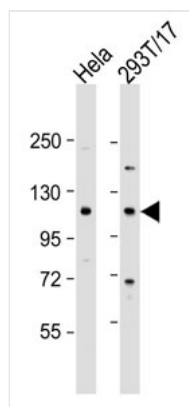
### PRODUCT SYNONYMS

CDK11B; Polyclonal Antibody; CDK11B Antibody; Purified Rabbit Polyclonal Antibody (Pab); anti-CDK11B antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                   |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                                                                                                                                                                                                             |
| Sequence Length                                  | 526                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-CDK11B antibody | WB (Western Blot)                                                                                                                                                                                                                                                                                            |
| Calculated MW                                    | 110,92 KDa                                                                                                                                                                                                                                                                                                   |
| Function                                         | 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. |
| Antigen Region                                   | 1-50                                                                                                                                                                                                                                                                                                         |
| Cellular Location                                | Cytoplasm. Nucleus.                                                                                                                                                                                                                                                                                          |
| Tissue Location                                  | Expressed ubiquitously. Some evidence of isoform-specific tissue distribution.                                                                                                                                                                                                                               |
| Preparation and Storage                          | Store at -20 °C.Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                   |

### IMAGES



#### WB (Western Blot)

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 ug 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.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDK11B antibody | 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. |
| Product Categories/Family for anti-CDK11B antibody   | Cancer; Cell biology                                                                                                                                                                                                                                                                                         |
| References                                           | Bunnell B.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:7467-7471(1990). Bunnell B.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:2612-2612(1991). Eipers P.G.,et al.Genomics 13:613-621(1992). Xiang J.,et al.J. Biol. Chem. 269:15786-15794(1994). Gururajan R.,et al.Genome Res. 8:929-939(1998).                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 16332360                                                                                         |
| NCBI GeneID                      | 984                                                                                              |
| NCBI Accession #                 | NP_277022.1                                                                                      |
| NCBI GenBank Nucleotide #        | NM_033487.2                                                                                      |
| UniProt Accession #              | P21127; O95265; Q12817; Q12818; Q12819; Q12820; Q12822; Q8N530; Q9NZS5; Q9UBJ0; Q9UBQ1; Q9UBR0   |
| NCBI Official Full Name          | cyclin-dependent kinase 11B isoform 3                                                            |
| NCBI Official Synonym Full Names | cyclin-dependent kinase 11B                                                                      |
| NCBI Official Symbol             | CDK11B                                                                                           |
| NCBI Official Synonym Symbols    | p58; PK58; CDK11; CLK-1; CDC2L1; PITSLREA; p58CLK-1; CDK11-p46; CDK11-p58; p58CDC2L1; CDK11-p110 |
| NCBI Protein Information         | cyclin-dependent kinase 11B                                                                      |
| UniProt Protein Name             | Cyclin-dependent kinase 11B                                                                      |
| UniProt Gene Name                | CDK11B                                                                                           |
| UniProt Synonym Gene Names       | CDC2L1; CDK11; PITSLREA; PK58; CLK-1                                                             |
| UniProt Entry Name               | CD11B_HUMAN                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.