

## Rabbit CLK2 Polyclonal Antibody | anti-CLK2 antibody

CLK2 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA294512</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

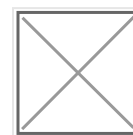
CLK2; Polyclonal Antibody; CLK2 Polyclonal Antibody; Dual specificity protein kinase CLK2; CDC-like kinase 2; anti-CLK2 antibody

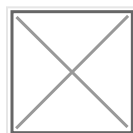
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-CLK2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.  
Not yet tested in other applications.

**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.  
Not yet tested in other applications.

**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.  
Not yet tested in other applications.

### ADDITIONAL INFORMATION

**Related Product Information for anti-CLK2 antibody**

Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex. May be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing and can cause redistribution of SR proteins from speckles to a diffuse nucleoplasmic distribution. Acts as a suppressor of hepatic gluconeogenesis and glucose output by repressing PPARGC1A transcriptional activity on gluconeogenic genes via its phosphorylation. Phosphorylates PPP2R5B thereby stimulating the assembly of PP2A phosphatase with the PPP2R5B-AKT1 complex leading to dephosphorylation of AKT1. Phosphorylates: PTPN1, SRSF1 and SRSF3. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells.

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 47717134 |
|-----------|----------|

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GeneID                      | 1196                                             |
| NCBI Accession #                 | NP_003984.2                                      |
| NCBI GenBank Nucleotide #        | NM_003993.2                                      |
| UniProt Accession #              | P49760; Q96CQ0; B1AVS9; B5MBX6                   |
| Molecular Weight                 | 60,090 Da                                        |
| NCBI Official Full Name          | dual specificity protein kinase CLK2             |
| NCBI Official Synonym Full Names | CDC-like kinase 2                                |
| NCBI Official Symbol             | CLK2                                             |
| NCBI Official Synonym Symbols    | hCLK2                                            |
| NCBI Protein Information         | dual specificity protein kinase CLK2; CLK kinase |
| UniProt Protein Name             | Dual specificity protein kinase CLK2             |
| UniProt Gene Name                | CLK2                                             |
| UniProt Entry Name               | CLK2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clk2-antibody-immunohistochemistry-western-blot-elisa/294512>