

## Rabbit anti-Human CDK7 Polyclonal Antibody | anti-CDK7 antibody

Rabbit anti-CDK7 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA219823 | Rabbit | Human      | Immunohistochemistry, Western Blot |

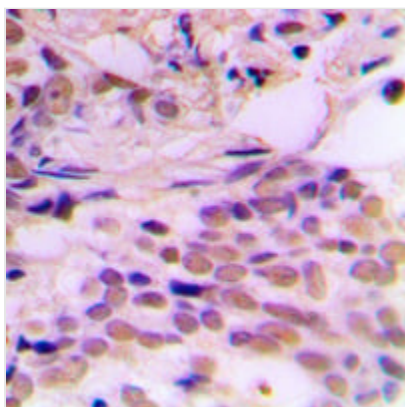
### PRODUCT SYNONYMS

CDK7; Polyclonal Antibody; Rabbit anti-CDK7 Antibody; CAK; CAK1; CDKN7; MO15; STK1; Cyclin-dependent kinase 7; 39 kDa protein kinase; p39 Mo15; CDK-activating kinase 1; Cell division protein kinase 7; Serine/threonine-protein kinase 1; TFIIF basal transcription factor complex kinase subunit; anti-CDK7 antibody

### PRODUCT SPECIFICATIONS

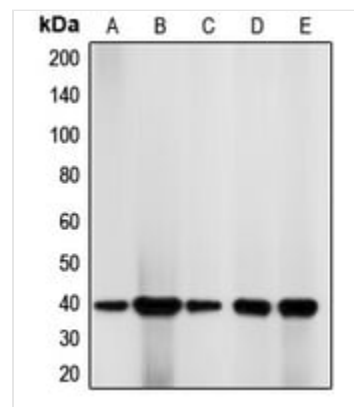
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                          |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                           |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                              |
| Applicable Applications for anti-CDK7 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDK7. The exact sequence is proprietary. |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CDK7 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of CDK7 expression in K562 (A), Jurkat (B), HeLa (C), NIH3T3 (D), HT29 (E) whole cell lysates.

ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-CDK7 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502743                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 1022                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001790.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_001799.3                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P50613; Q9BS60; Q9UE19                                                                                                                                                                                                                                          |
| Molecular Weight                 | 39,038 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | cyclin-dependent kinase 7                                                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | cyclin-dependent kinase 7                                                                                                                                                                                                                                       |
| NCBI Official Symbol             | CDK7                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CAK1; HCAK; MO15; STK1; CDKN7; p39MO15                                                                                                                                                                                                                          |
| NCBI Protein Information         | cyclin-dependent kinase 7; CAK; p39 Mo15; protein kinase; 39 KDa protein kinase; kinase subunit of CAK; CDK-activating kinase 1; serine/threonine kinase stk1; cell division protein kinase 7; serine/threonine protein kinase 1; serine/threonine-protein kina |
| UniProt Protein Name             | Cyclin-dependent kinase 7                                                                                                                                                                                                                                       |
| UniProt Gene Name                | CDK7                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | CAK; CAK1; CDKN7; MO15; STK1; p39 Mo15                                                                                                                                                                                                                          |
| UniProt Entry Name               | CDK7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk7-antibody-immunohistochemistry-western-blot-elisa/219823>