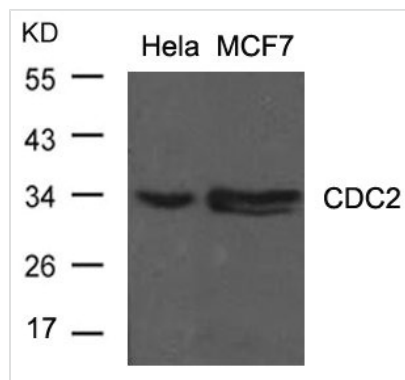


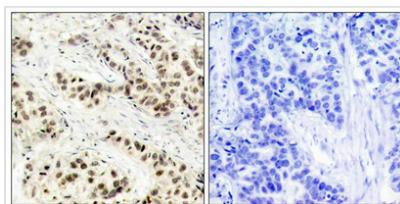
# CDK1 (Ab-15) Antibody

|                            |                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA067208                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                 |
| <b>Uniprot No.</b>         | P06493                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>           | Peptide sequence around aa. 13~17 (G-T-Y-G-V) derived from Human CDC2.                                                                                                                                                                                                                        |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                        |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                               |
| <b>Specificity</b>         | The antibody detects endogenous level of total CDC2 protein.                                                                                                                                                                                                                                  |
| <b>Tested Applications</b> | ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:200,IF:1:100-1:200                                                                                                                                                                                                                                 |
| <b>Relevance</b>           | Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.<br><br>Y Gu, et al. (1992) EMBO J. 11(11): 3995 |
| <b>Form</b>                | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                  |
| <b>Purification Method</b> | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.                                                                                                                 |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                    |
| <b>Alias</b>               | CDC28; CDC2A; CDK1; Cyclin-dependent kinase 1;                                                                                                                                                                                                                                                |
| <b>Product Type</b>        | Polyclonal Antibody                                                                                                                                                                                                                                                                           |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                          |
| <b>Target Names</b>        | CDK1                                                                                                                                                                                                                                                                                          |

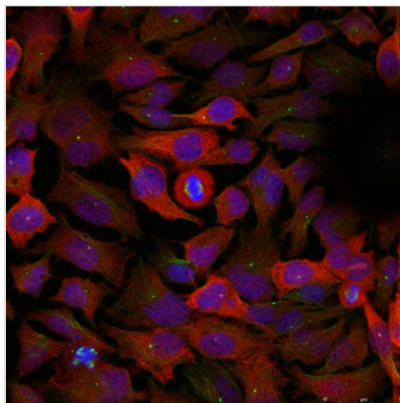
## Image



Western blot analysis of extracts from HeLa and MCF cells using CDC2(Ab-15) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDC2(Ab-15) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using CDC2(Ab-15) Antibody.