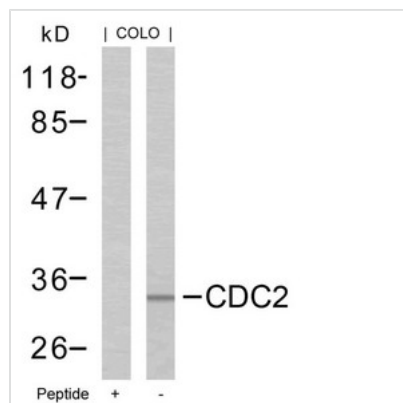




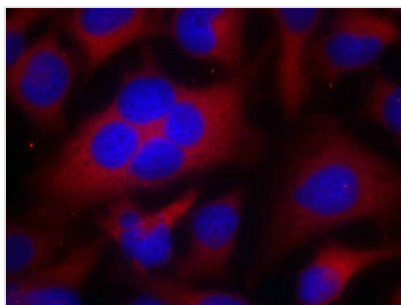
CDK1 (Ab-161) Antibody

Product Code	CSB-PA139800
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P06493
Immunogen	Peptide sequence around aa.159~163 (T-Y-T-H-E) derived from Human CDC2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CDC2 protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
Relevance	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. Ukomadu C, et al.(2003) J Biol Chem; 278(7): 4840-6 Morris MC, et al.(2002)J Biol Chem; 277(26): 23847-53 Brown NR, et al.(1999)J Biol Chem; 274(13): 8746-56 Liu Y, et al.(2004) J Biol Chem; 279(6): 4507-14
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	CDC28; CDC2A; CDK1; Cyclin-dependent kinase 1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CDK1

Image



Western blot analysis of extracts from COLO cells using CDC2(Ab-161) Antibody and the same antibody preincubated with blocking peptide.



Immunofluorescence staining of methanol-fixed HeLa cells using CDC2(Ab-161) Antibody.