

## Anti-Phospho-CDK1-Tyr15 antibody (1-80) (STJ90214)

STJ90214

### GENERAL INFORMATION

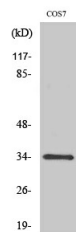
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Cyclin-Dependent Kinase 1-Tyr15 (1-80) is suitable for use in Western Blot and ELISA research applications.
<b>Applications</b>	WB, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat, Monkey

### PRODUCT PROPERTIES

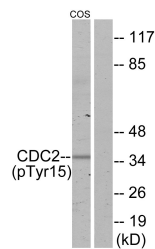
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 ELISA 1:10000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

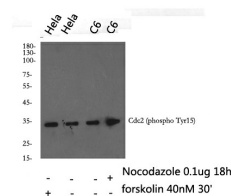
<b>Gene ID</b>	983
<b>Gene Symbol</b>	CDK1
<b>Uniprot ID</b>	CDK1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDC2 around the phosphorylation site of Tyr15 at amino acid range 5-54
<b>Immunogen Region</b>	1-80
<b>Specificity</b>	Phospho-CDK1-Tyr15 polyclonal antibody (Cyclin-Dependent Kinase 1) binds to endogenous Cyclin-Dependent Kinase 1 at the amino acid region 1-80 only when phosphorylated at Tyr15.
<b>Immunogen Sequence</b>	



Western blot analysis of various cells using Phospho-Cdc2 (Y15) Polyclonal Antibody



Western blot analysis of lysates from COS7 cells, using CDC2 (Phospho-Tyr15) Antibody. The lane on the right is blocked with the phospho-peptide.



Western blot analysis of Cdc2 (phospho Tyr15) Polyclonal Antibody, using HeLa, C6 cell treated or untreated with forskolin 40nM 30', Nocodazole 0.1ug/ml 18hour, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1hour.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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