

## Anti-Phospho-CDK2-T160 antibody (STJ22062)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

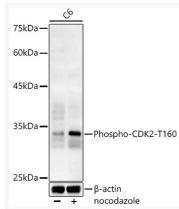
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 32kDa/34kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

Gene ID	<a href="#">1017</a>
Gene Symbol	<a href="#">CDK2</a>
UniProt ID	<a href="#">CDK2_HUMAN</a>
Immunogen Sequence	TYTHE
Specificity	A synthetic phosphorylated peptide around T160 of human CDK2 (NP_001789.2/NP_001249.1).

### ADDITIONAL INFORMATION

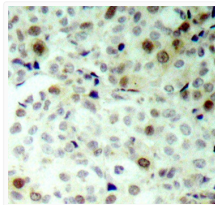
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of lysates from C6 cells, using Phospho-CDK2-T160 Rabbit pAb (STJ22062) at 1:400 dilution. C6 cells were treated by Nocodazole (10 ng/ml) at 37 °C for 20 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

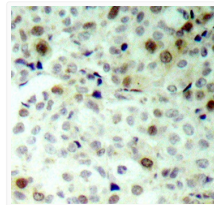
Lysates/proteins: 25 Mu g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit  
Exposure time: 90s.



Western blot analysis of lysates from C6 cells using Phospho-CDK2-T160 Rabbit pAb (STJ22062) at 1:1000 dilution. C6 cells were treated by Nocodazole (10 ng/ml) at 37 °C for 20 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 20 Mu g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit  
Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using Phospho-CDK2-T160 Rabbit pAb (STJ22062). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.