

## Anti-Phospho-CDK4-T172 antibody (STJ29359)

STJ29359

### GENERAL INFORMATION

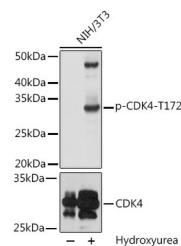
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

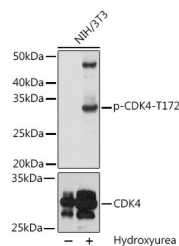
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
<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>	1019
<b>Gene Symbol</b>	CDK4
<b>Uniprot ID</b>	CDK4_HUMAN
<b>Immunogen</b>	ALTPVV
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic phosphorylated peptide around T172 of human CDK4 (NP_000066.1).
<b>Immunogen Sequence</b>	ALTPVV



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-CDK4-T172 polyclonal antibody (STJ29359) at 1:1000 dilution or CDK4 antibody (A0366). NIH/3T3 cells were treated by Hydroxyurea (4 mM) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-CDK4-T172 Rabbit polyclonal antibody (A0366). NIH/3T3 cells were treated by Hydroxyurea (4 mM) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 60s.

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081