

Phospho-CDK4-T172 Antibody

CABP0593

Description

This Phospho-CDK4-T172 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0593
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CMM3, PSK-J3, Phospho-CDK4-T172
Clone:	-
Applications:	WB ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	1019
Uniprot:	AB_2770981
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	33kDa
Calculated MW:	34kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

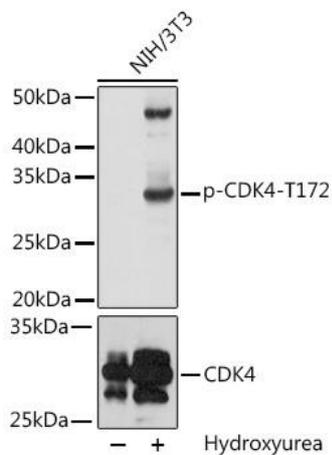
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: NIH/3T3 treated with Hydroxyurea

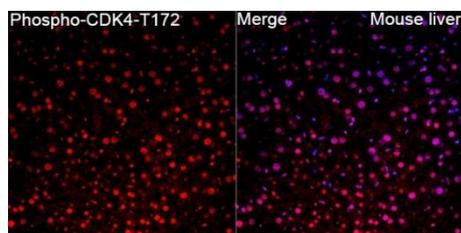
Recommended Dilutions:	WB	1:500 - 1:2000
	IF-P	1:100 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-- Rabbit pAb (CAB0366). NIH/3T3 cells were treated with Hydroxyurea (4 mM) at 37°C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Immunofluorescence analysis of Mouse liver tissue using Phospho-- Rabbit pAb (CABP0593) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.