Phospho-CDK1-T161 Antibody

CABP0324

Description

This Phospho-CDK1-T161 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:	CABP0324
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CDC2, CDC28A, P34CDC2, Phospho-CDK1-T161
Clone:	-
Applications:	WB IHC-P IP ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	983
Uniprot:	AB_2770977
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	34kDa
Calculated MW:	34kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

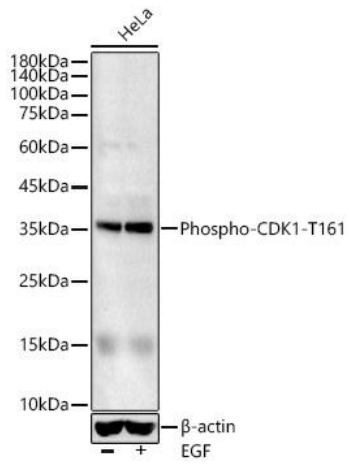
Positive Sample: HeLa treated with EGF

Recommended Dilutions:

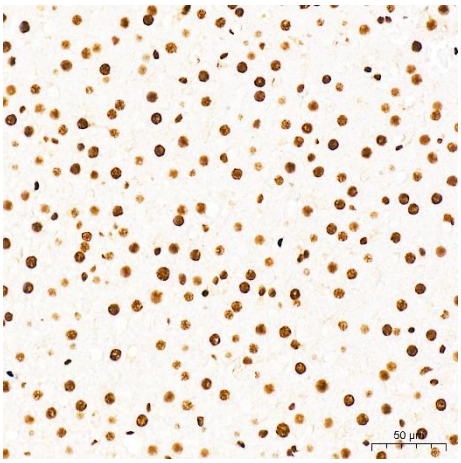
WB	1:100 - 1:500
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

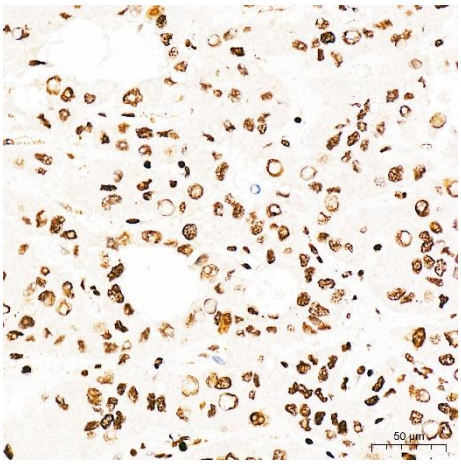
Validation Data



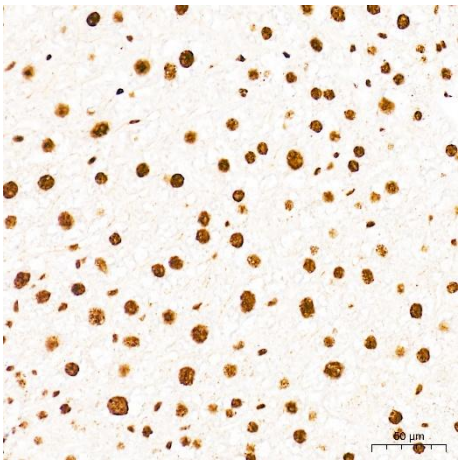
Western blot analysis of lysates from HeLa cells, using Phospho-- Rabbit pAb (CABP0324) at 1:400 dilution. HeLa cells were treated with EGF. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



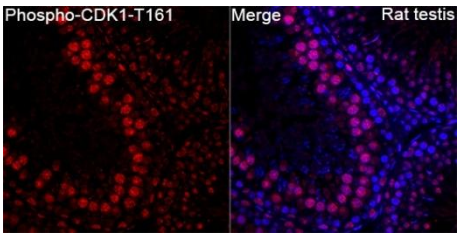
Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using Phospho-- Rabbit pAb (CABP0324) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



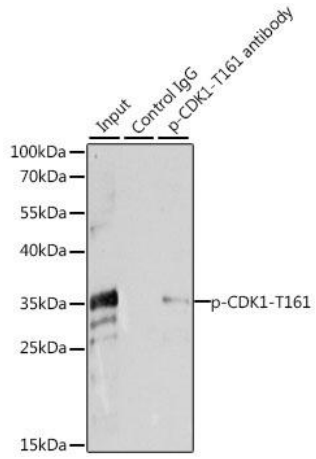
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using Phospho-- Rabbit pAb (CABP0324) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Phospho-- Rabbit pAb (CABP0324) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of Rat testis tissue using Phospho-- Rabbit pAb (CABP0324) 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.



Immunoprecipitation analysis of 200 µg extracts of HeLa cells, using 3 µg Phospho-- pAb (CABP0324). Western blot was performed from the immunoprecipitate using Phospho-- pAb (CABP0324) at a dilution of 1:1000. HeLa cells were treated with EGF (100 ng/mL) at 37℃ for 30 minutes after serum-starvation overnight.