Phospho-CDK2-T160 Rabbit Polyclonal Antibody

CABP0325

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

34kDa

Calculated MW:

30kDa/33kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:
1017

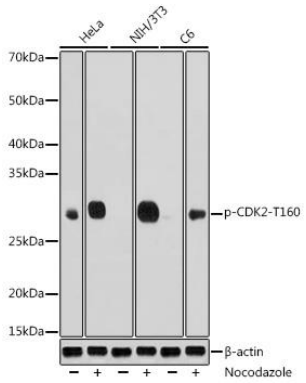
Uniprot
P24941

Synonyms:
CDK2; CDKN2; p33(CDK2)

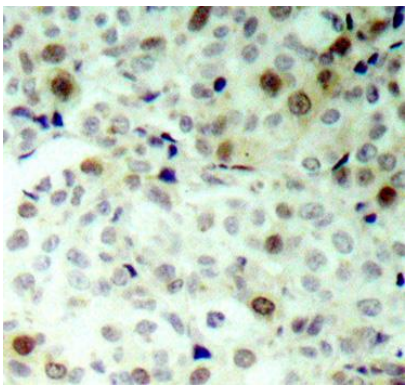
Immunogen:
A phospho specific peptide corresponding to residues surrounding T160 of human CDK2

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using Phospho-CDK2-T160 antibody (CABP0325) at 1:1000 dilution.HeLa cells NIH/3T3 cells and C6 cells were treated by nocodazole (50 ng/ml) at 37'C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-CDK2-T160 antibody (CABP0325).