CDK2 Rabbit Polyclonal Antibody



CAB16885

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

33kDa

Calculated MW:

30kDa/33kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

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

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Uniprot P24941

Synonyms:

CDK2; CDKN2; p33(CDK2)

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50

- 1:200

Source:

Rabbit

Isotype: IgG Immunogen:

A synthetic peptide of human CDK2

Storage:

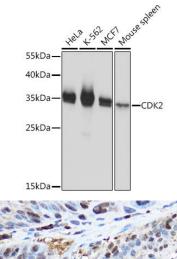
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

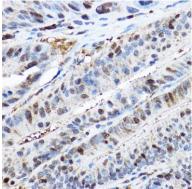
Purification:

Affinity purification

Product Images



Western blot analysis of extracts of various cell lines, using CDK2 Rabbit pAb (CAB16885) at 1:1000 dilution. 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 Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using CDK2 Rabbit pAb (CAB16885) at dilution of 1:200 (40x lens).