

CDK2

Reactivity:Human Mouse Rat

Tested applications:WB IHC ICC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW:33 kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human CDK2

Storage Buffer:

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

Synonym:

CDKN2; p33(CDK2);

Catalog #:A10810

Antibody Type:

Monoclonal Antibody

Species:Rabbit

Gene ID:1017

Isotype:IgG

Swiss Prot:P24941

Purity:Affinity purification

For research use only.

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.

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