

Cdk1/2/3 Rabbit Polyclonal Antibody

OPR1937

Reactivity	H,M,R	Storage	-20°C/1 year. Avoid repeated freeze-thaw cycle.
Source	Rabbit	Applications	WB;ELISA
Clonality	Polyclonal	Concentration	1mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human CDK1/CDC2. AA range:1-50
Synonyms	CDK1; CDC2; CDC28A; CDKN1; P34CDC2; Cyclin-dependent kinase 1; CDK1; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase; CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 pr

Product Information

Observed MW	34kDa
Dilution	WB:1/500-1/2000; ELISA:1/5000.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Swiss-Port	P06493/P24941/Q00526

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow; Bv- Bovine; Ov-Ovine; B-Globfish, Ct- Cat.

Please contact Origin Diagnostics and Research for further assistance

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