



## Magic™ Anti-CDC2 (Phospho Y15) polyclonal antibody (DPAB-DC2312)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	putative cell cycle control protein; homologous to <i>S. pombe</i> Cdc2 [RGD, Feb 2006]
<b>Target</b>	CDC2
<b>Immunogen</b>	Synthetic phosphopeptide corresponding to residues surrounding Y15 of rat Cdc2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Clawed frog, Human, Mouse, Rat, Zebrafish
<b>Purification</b>	Affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cdk1 cyclin-dependent kinase 1 [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	CDK1
<b>Synonyms</b>	CDK1; cyclin-dependent kinase 1; Cdc2; Cdc2a; p34 protein kinase; cell division protein kinase 1; cell division cycle 2 homolog A; Cell division cycle control protein 2; cell division control protein 2 homolog; cell division cycle 2, G1 to S and G2 to M;
<b>Entrez Gene ID</b>	<a href="#">54237</a>
<b>Protein Refseq</b>	<a href="#">NP_062169</a>
<b>UniProt ID</b>	<a href="#">P39951</a>
<b>Chromosome Location</b>	20p11
<b>Pathway</b>	APC/C-mediated degradation of cell cycle proteins; APC/C:Cdc20 mediated degradation of mitotic proteins; ATM; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins
<b>Function</b>	ATP binding; Hsp70 protein binding; RNA polymerase II carboxy-terminal domain kinase activity; cyclin binding