



# 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

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