



# Rabbit Anti-Human CDK18 Polyclonal Antibody (CABT-L2162)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Cyclin Dependent Kinase 18 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against CDK18. It has been selected for its ability to recognize CDK18 in immunohistochemical staining and western blotting.
<b>Target</b>	CDK18
<b>Immunogen</b>	Recombinant fragment corresponding to human CDK18 (Tyr144~Phe425)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.
<b>Keywords</b>	PCTK3;PCTAIRE;PCTAIRE3;Serine/Threonine-Protein Kinase PCTAIRE-3;Cell division protein kinase 18;PCTAIRE-motif protein kinase 3

## GENE INFORMATION

<b>Gene Name</b>	CDK18 cyclin-dependent kinase 18 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CDK18
<b>Synonyms</b>	CDK18; cyclin-dependent kinase 18; PCTK3; PCTAIRE; PCTAIRE3; PCTAIRE protein kinase 3; PCTAIRE-motif protein kinase 3; cell division protein kinase 18; serine/threonine-protein kinase PCTAIRE-3;
<b>Entrez Gene ID</b>	<a href="#">5129</a>
<b>Protein Refseq</b>	NP_002587
<b>UniProt ID</b>	<a href="#">A0A024R996</a>
<b>Chromosome Location</b>	1q31-q32
<b>Function</b>	ATP binding; cyclin-dependent protein serine/threonine kinase activity; protein binding;