



# ANAPC1 blocking peptide (CDBP5074)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a subunit of the anaphase-promoting complex. This complex is an E3 ubiquitin ligase that regulates progression through the metaphase to anaphase portion of the cell cycle by ubiquitinating proteins which targets them for degradation. [provided by RefSeq, Dec 2011]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ANAPC1 anaphase promoting complex subunit 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ANAPC1
<b>Synonyms</b>	ANAPC1; anaphase promoting complex subunit 1; APC1; MCPR; TSG24; anaphase-promoting complex subunit 1; cyclosome subunit 1; mitotic checkpoint regulator; testis-specific gene 24 protein; anaphase-promoting complex 1 (meiotic checkpoint regulator)
<b>Entrez Gene ID</b>	<a href="#">64682</a>
<b>mRNA Refseq</b>	<a href="#">NM_022662</a>

Protein Refseq

[NP\\_073153](#)

UniProt ID

Q9H1A4

Pathway

APC/C complex; APC/C-mediated degradation of cell cycle proteins; APC/C:Cdc20 mediated degradation of Cyclin B; APC/C:Cdc20 mediated degradation of Securin; APC/C:Cdc20 mediated degradation of mitotic proteins; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins; Adaptive Immune System