



## CDC16 blocking peptide (CDBP5082)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a component protein of the APC complex, which is composed of eight proteins and functions as a protein ubiquitin ligase. The APC complex is a cyclin degradation system that governs exit from mitosis. Each component protein of the APC complex is highly conserved among eukaryotic organisms. This protein and two other APC complex proteins, CDC23 and CDC27, contain a tetratricopeptide repeat (TPR), a protein domain that may be involved in protein-protein interaction. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
<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="#">CDC16 cell division cycle 16 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CDC16
<b>Synonyms</b>	CDC16; cell division cycle 16; APC6; CUT9; ANAPC6; cell division cycle protein 16 homolog; CDC16Hs; cyclosome subunit 6; cell division cycle 16 homolog; anaphase-promoting complex subunit 6; anaphase-promoting complex, subunit 6

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<b>Entrez Gene ID</b>	<a href="#">8881</a>
<b>mRNA Refseq</b>	<a href="#">NM_001078645</a>
<b>Protein Refseq</b>	<a href="#">NP_001072113</a>
<b>UniProt ID</b>	Q13042
<b>Pathway</b>	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
<b>Function</b>	protein binding

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