



ANAPC7 blocking peptide (DAG-P0073)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a tetratricopeptide repeat containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for proper protein ubiquitination function of APC/C and for the interaction of APC/C with certain transcription coactivators. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the APC7 family.Contains 7 TPR repeats.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ANAPC7 anaphase promoting complex subunit 7 [Homo sapiens (human)]
Official Symbol	ANAPC7
Synonyms	ANAPC7; anaphase promoting complex subunit 7; APC7; anaphase-promoting complex subunit 7; cyclosome subunit 7;
Entrez Gene ID	51434

mRNA Refseq	NM_001137664.1
Protein Refseq	NP_001131136.1
UniProt ID	Q9UJX3
Chromosome Location	12q24.11
Pathway	APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, or
Function	protein phosphatase binding;