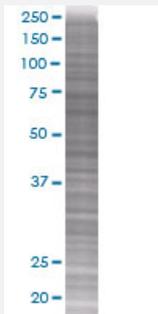


# ANAPC5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051433-T01

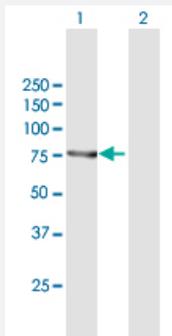
Size 100 uL

## Applications



### SDS-PAGE Gel

ANAPC5 transfected lysate.



### Western Blot

Lane 1: ANAPC5 transfected lysate ( 85.1 KDa)

Lane 2: Non-transfected lysate.

## Specification

<b>Transfected Cell Line</b>	293T
<b>Plasmid</b>	pCMV-ANAPC5 full-length
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	83.16
<b>Interspecies Antigen Sequence</b>	Mouse (94); Rat (93)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-ANAPC5 antibody ([H00051433-B01](#)) by Western Blots.  
SDS-PAGE Gel  
ANAPC5 transfected lysate.  
Western Blot  
Lane 1: ANAPC5 transfected lysate ( 85.1 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — ANAPC5

**Entrez GeneID**[51433](#)**GeneBank Accession#**[NM\\_016237](#)**Protein Accession#**[NP\\_057321](#)**Gene Name**

ANAPC5

**Gene Alias**

APC5

**Gene Description**

anaphase promoting complex subunit 5

**Omim ID**[606948](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq]

**Other Designations**

anaphase-promoting complex subunit 5|cyclosome subunit 5

## Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)