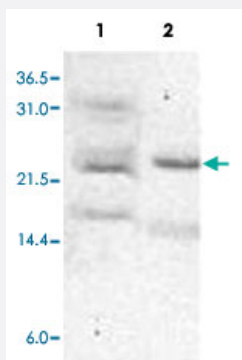


# ANAPC10 polyclonal antibody

Catalog # PAB10019      Size 100 ug

## Applications

### Western Blot (Cell lysate)



Immunoblotting of ANAPC10 polyclonal antibody (Cat # PAB10019) was used at a 1:500 dilution to detect human ANAPC10 by western blot.

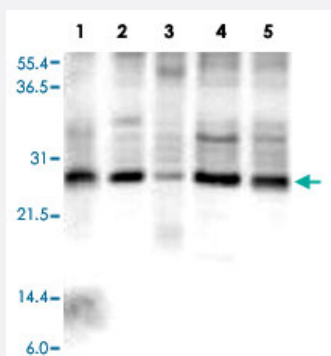
Both HeLa whole cell lysate (Lane 1) and nuclear lysate (Lane 2) were probed using this antibody.

Approximately 20 ug of each lysate was loaded onto a 10% SDS-PAGE gel. Primary antibody was reacted with the membrane at room temperature for 1 h. After subsequent washing, a 1 : 2,000 dilution of HRP conjugated Gt-a-Rabbit IgG was used for visualization.

Exposure time was 5 min.

The expected molecular weight of human ANAPC10 is 21 KDa.

### Western Blot (Cell lysate)



Immunoblotting of ANAPC10 polyclonal antibody (Cat # PAB10019) was used at a 1:500 dilution to detect human ANAPC10 in various cell extracts.

This antibody clearly detects a ~26 KDa band corresponding to human ANAPC10 (predicted molecular weight is 21 KDa).

All lanes contain 20 ug of lysate or extract as follows : lane 1, HeLa nuclear extract; lane 2, HeLa whole cell lysate; lane 3, A-431 whole cell lysate; lane 4, Jurkat whole cell lysate; lane 5, 293 whole cell lysate.

Primary antibody was reacted with the membrane at room temperature for 1 h. After subsequent washing, a 1 : 5,000 dilution of HRP conjugated Gt-a-Rabbit IgG was used for visualization.

Exposure time was 4 min.

## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of ANAPC10.

<b>Immunogen</b>	A synthetic peptide corresponding to N-terminus of human ANAPC10.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	ELISA (1:15000-1:80000) Western Blot (1:500-1:1500) Immunohistochemistry (1:250-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Immunohistochemistry

- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ANAPC10

Entrez GeneID [10393](#)

Protein Accession# [NP\\_055700.1](#)

Gene Name ANAPC10

Gene Alias APC10, DKFZp564L0562, DOC1

Gene Description anaphase promoting complex subunit 10

Gene Ontology [Hyperlink](#)

Other Designations -

## Publication Reference

- [Doc1 mediates the activity of the anaphase-promoting complex by contributing to substrate recognition.](#)  
Passmore LA, McCormack EA, Au SW, Paul A, Willison KR, Harper JW, Barford D.  
The EMBO Journal 2003 Feb; 22(4):786.
- [Activity of the APC\(Cdh1\) form of the anaphase-promoting complex persists until S phase and prevents the premature expression of Cdc20p.](#)  
Huang JN, Park I, Ellingson E, Littlepage LE, Pellman D.  
The Journal of Cell Biology 2001 Jul; 154(1):85.
- [Characterization of the DOC1/APC10 subunit of the yeast and the human anaphase-promoting complex.](#)  
Grossberger R, Gieffers C, Zachariae W, Podtelejnikov AV, Schleiffer A, Nasmyth K, Mann M, Peters JM.  
The Journal of Biological Chemistry 1999 May; 274(20):14500.  
  
Application: WB-Ce, Human, HeLa cells

## Pathway

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