

## APC5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00512
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ANAPC5. AA range:151-200
<b>Mol wt</b>	85077
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	APC5 Antibody
<b>Synonyms</b>	ANAPC5; APC5; Anaphase-promoting complex subunit 5; APC5; Cyclosome subunit 5

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

ANAPC5 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 (anaphase promoting complex subunit 5) 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.

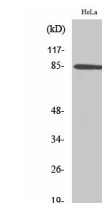
### Recommended Dilution

WB: 1: 500 - 1: 2000

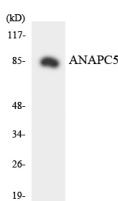
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using APC5 Polyclonal Antibody



Western blot analysis of the lysates from HeLa cells using ANAPC5 antibody.

## Storage

-20°C for one year

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