



# APC5 Polyclonal Antibody

<b>Catalog No</b>	BYab-16660
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ANAPC5
<b>Protein Name</b>	Anaphase-promoting complex subunit 5
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ANAPC5. AA range:151-200
<b>Specificity</b>	APC5 Polyclonal Antibody detects endogenous levels of APC5 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	ANAPC5; APC5; Anaphase-promoting complex subunit 5; APC5; Cyclosome subunit 5
<b>Observed Band</b>	85kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm, cytoskeleton, spindle .
<b>Tissue Specificity</b>	Brain,Cerebellum,Cervix,Epithelium,Lung,Oesophagus,Periodontal liga
<b>Function</b>	function:Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the APC5 family.,similarity:Contains 4 TPR repeats.,subunit:The APC/C is composed of at least 11 subunits.,
<b>Background</b>	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

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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, Nov 2008],

**matters needing attention**

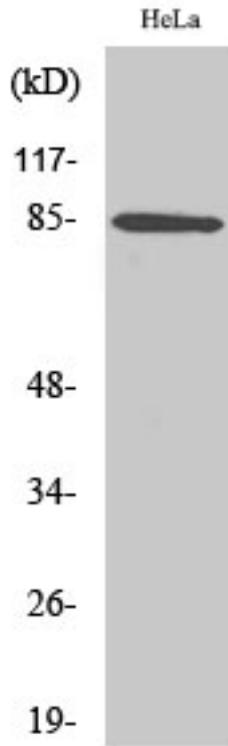
Avoid repeated freezing and thawing!

**Usage suggestions**

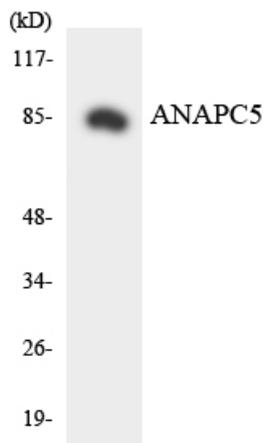
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of various cells using APC5 Polyclonal Antibody



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