
Product Name: APC5 Rabbit Polyclonal Antibody**Catalog #: APRab07000**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:10000
Molecular Weight	85kDa

Antigen Information

Gene Name	ANAPC5
Alternative Names	ANAPC5; APC5; Anaphase-promoting complex subunit 5; APC5; Cyclosome subunit 5
Gene ID	51433.0
SwissProt ID	Q9UJX4
Immunogen	The antiserum was produced against synthesized peptide derived from human ANAPC5. AA range:151-200

Background

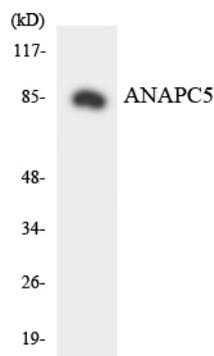
This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C),

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, Nov 2008],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.,

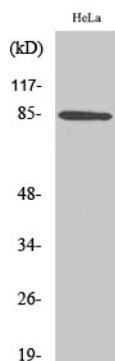
Research Area

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;Ubiquitin mediated proteolysis;Progesterone-mediated oocyte maturation;

Image Data



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



Western Blot analysis of various cells using APC5 Polyclonal Antibody