

ANAPC11 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22169b**Specification**

ANAPC11 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q9NYG5
Other Accession	Q3ZCF6 , Q9CPX9 , Q5R8A2
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	9841

ANAPC11 Antibody (C-Term) - Additional Information**Gene ID** 51529**Other Names**

Anaphase-promoting complex subunit 11, APC11, Cyclosome subunit 11, Hepatocellular carcinoma-associated RING finger protein, ANAPC11

Target/Specificity

This ANAPC11 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 56-94 amino acids from human ANAPC11.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ANAPC11 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ANAPC11 Antibody (C-Term) - Protein Information**Name** ANAPC11

Function Together with the cullin protein ANAPC2, constitutes the catalytic component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle (PubMed:[11739784](#), PubMed:[18485873](#)). The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains (PubMed:[11739784](#), PubMed:[18485873](#)). The APC/C complex catalyzes assembly of branched 'Lys-11'/'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:[29033132](#)). May recruit the E2 ubiquitin-conjugating enzymes to the complex (PubMed:[11739784](#), PubMed:[18485873](#)).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

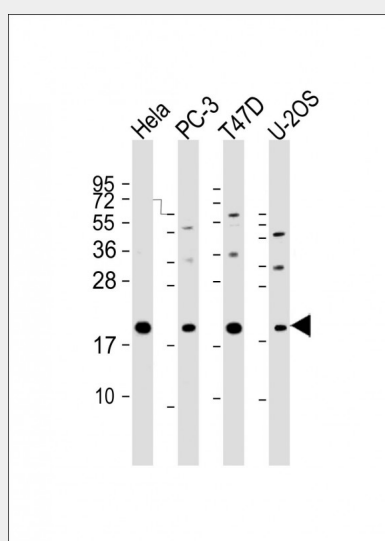
Expressed at high levels in skeletal muscle and heart; in moderate levels in brain, kidney, and liver; and at low levels in colon, thymus, spleen, small intestine, placenta, lung and peripheral blood leukocyte.

ANAPC11 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANAPC11 Antibody (C-Term) - Images



All lanes : Anti-ANAPC11 Antibody (C-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: PC-3 whole cell lysate Lane 3: T47D whole cell lysate Lane 4: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated

at 1/10000 dilution. Predicted band size : 10 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ANAPC11 Antibody (C-Term) - Background

Together with the cullin protein ANAPC2, constitutes the catalytic component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. May recruit the E2 ubiquitin-conjugating enzymes to the complex.

ANAPC11 Antibody (C-Term) - References

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Zody M.C.,et al.Nature 440:1045-1049(2006).
Gmachl M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:8973-8978(2000).