

ANAPC11 Antibody (Internal region)
Peptide-affinity purified goat antibody
Catalog # AF3076a**Specification**

ANAPC11 Antibody (Internal region) - Product Information

Application	WB, E
Primary Accession	Q9NYG5
Other Accession	NP_001002244.1 , NP_057560.8 , 51529
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	9841

ANAPC11 Antibody (Internal region) - Additional Information**Gene ID** 51529**Other Names**

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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ANAPC11 Antibody (Internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ANAPC11 Antibody (Internal region) - 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 (Internal region) - 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 (Internal region) - Images



AF3076a (1 µg/ml) staining of Cerebral Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ANAPC11 Antibody (Internal region) - Background

This antibody is expected to recognize. Reported variants represent identical protein:

NP_057560.8, NP_001002248.1, NP_001002245.1, NP_001002246.1, NP_001002247.1, NP_001002249.1

ANAPC11 Antibody (Internal region) - References

The RING-H2-finger protein APC11 as a target of hydrogen peroxide. Chang TS, Jeong W, Lee DY, Cho CS, Rhee SG, Free radical biology & medicine 2004 Aug 37 (4): 521-30. PMID: 15256223