

ANAPC4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17878c**Specification**

ANAPC4 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9UJX5](#)**ANAPC4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 29945**Other Names**

Anaphase-promoting complex subunit 4, APC4, Cyclosome subunit 4, ANAPC4, APC4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ANAPC4 Antibody (Center) Blocking Peptide - Protein Information**Name** ANAPC4**Synonyms** APC4**Function**

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: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:18485873). The APC/C complex catalyzes assembly of branched 'Lys-11'-/'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:29033132).

Cellular Location

Nucleus.

ANAPC4 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ANAPC4 Antibody (Center) Blocking Peptide - Images

ANAPC4 Antibody (Center) Blocking Peptide - Background

A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The exact function of this gene product is not known. [provided by RefSeq].

ANAPC4 Antibody (Center) Blocking Peptide - References

Wasch, R., et al. Oncogene 29(1):1-10(2010) Jin, L., et al. Cell 133(4):653-665(2008) Nature 447(7145):661-678(2007) Dube, P., et al. Mol. Cell 20(6):867-879(2005) Listovsky, T., et al. EMBO J. 23(7):1619-1626(2004)