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# ANAPC1 Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP10452a**

## Specification

### ANAPC1 Antibody (N-term) Blocking Peptide - Product Information

| | |
|---|---|
| Primary Accession | Q9H1A4 |
| Other Accession | NP_073153.1 |

### ANAPC1 Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID** 64682

**Other Names**
Anaphase-promoting complex subunit 1, APC1, Cyclosome subunit 1, Mitotic checkpoint regulator, Testis-specific gene 24 protein, ANAPC1, TSG24

**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.

### ANAPC1 Antibody (N-term) Blocking Peptide - Protein Information

**Name** ANAPC1

**Synonyms** TSG24

**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. 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.

### ANAPC1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

### ANAPC1 Antibody (N-term) Blocking Peptide - Images

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## ANAPC1 Antibody (N-term) Blocking Peptide - Background

ANAPC1 is 1 of at least 10 subunits of theanaphase-promoting complex (APC), which functions at themetaphase-to-anaphase transition of the cell cycle and is regulatedby spindle checkpoint proteins. The APC is an E3 ubiquitin ligasethat targets cell cycle regulatory proteins for degradation by theproteasome, thereby allowing progression through the cellcycle.

## ANAPC1 Antibody (N-term) Blocking Peptide - References

Ohoka, N., et al. Biochem. Biophys. Res. Commun. 392(3):289-294(2010)Wasch, R., et al. Oncogene 29(1):1-10(2010)Fujita, T., et al. Am. J. Pathol. 173(1):217-228(2008)Lima, E.M., et al. Braz. J. Med. Biol. Res. 41(6):539-543(2008)Jin, L., et al. Cell 133(4):653-665(2008)