

**ANAPC1 / APC1 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14707****Specification**

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**ANAPC1 / APC1 Antibody (C-Terminus) - Product Information**

|                   |                                    |
|-------------------|------------------------------------|
| Application       | WB, IHC-P, E                       |
| Primary Accession | <a href="#">Q9H1A4</a>             |
| Reactivity        | Human, Mouse                       |
| Host              | Rabbit                             |
| Clonality         | Polyclonal                         |
| Calculated MW     | 217kDa KDa                         |
| Dilution          | WB~~1:1000<br>IHC-P~~N/A<br>E~~N/A |

**ANAPC1 / APC1 Antibody (C-Terminus) - 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

**Target/Specificity**

Human ANAPC1

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

ANAPC1 / APC1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**ANAPC1 / APC1 Antibody (C-Terminus) - 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 (PubMed:<a href="http://www.uniprot.org/citations/18485873" target="\_blank">18485873</a>). 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:<a href="http://www.uniprot.org/citations/18485873" target="\_blank">18485873</a>). The APC/C

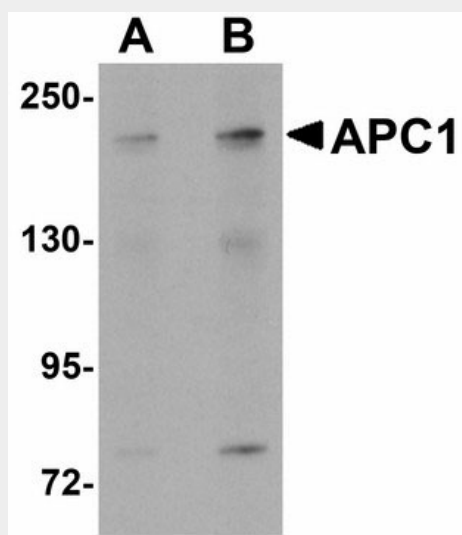
complex catalyzes assembly of branched 'Lys-11'-'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:<a href="http://www.uniprot.org/citations/29033132" target="\_blank">29033132</a>).

### **ANAPC1 / APC1 Antibody (C-Terminus) - 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](#)

### **ANAPC1 / APC1 Antibody (C-Terminus) - Images**



Western blot of APC1 in SK-N-SH cell lysate with APC1 antibody at (A) 1 and (B) 2 ug/ml.

### **ANAPC1 / APC1 Antibody (C-Terminus) - Background**

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 / APC1 Antibody (C-Terminus) - References**

Joergensen P.M.,et al.Gene 262:51-59(2001).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Kraft C.,et al.EMBO J. 22:6598-6609(2003).  
Jin L.,et al.Cell 133:653-665(2008).  
Cantin G.T.,et al.J. Proteome Res. 7:1346-1351(2008).