

APC6 / CDC16 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13567**Specification**

APC6 / CDC16 Antibody (N-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q13042
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72kDa KDa

APC6 / CDC16 Antibody (N-Terminus) - Additional Information**Gene ID** 8881**Other Names**

Cell division cycle protein 16 homolog, Anaphase-promoting complex subunit 6, APC6, CDC16 homolog, CDC16Hs, Cyclosome subunit 6, CDC16, ANAPC6

Target/Specificity

Human CDC16

Reconstitution & Storage

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

Precautions

APC6 / CDC16 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

APC6 / CDC16 Antibody (N-Terminus) - Protein Information**Name** CDC16**Synonyms** ANAPC6**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.

Cellular Location

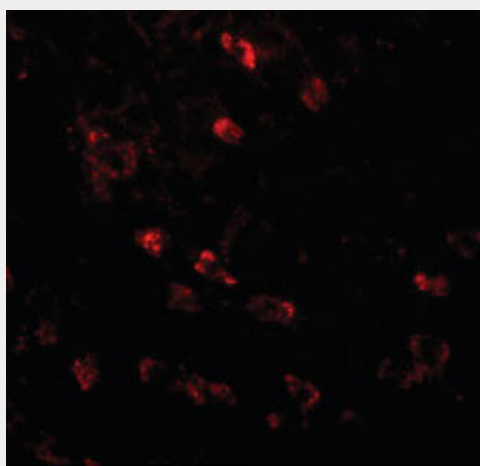
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Colocalizes with CDC27 to the centrosome at all stages of the cell cycle and to the mitotic spindle

APC6 / CDC16 Antibody (N-Terminus) - Protocols

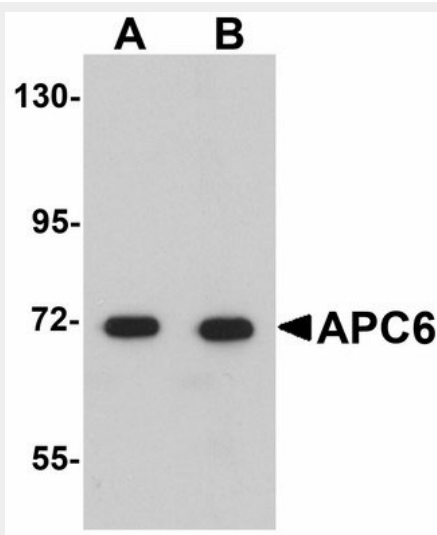
Provided below are standard protocols that you may find useful for product applications.

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

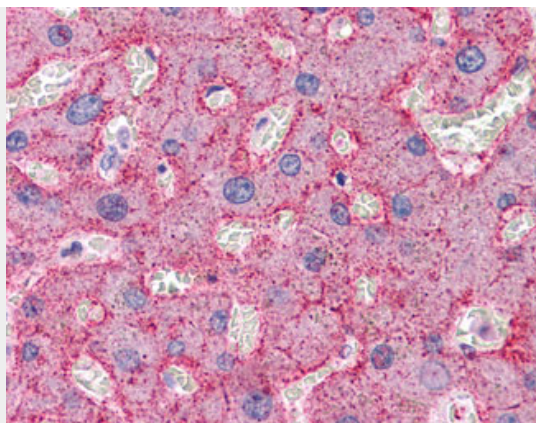
APC6 / CDC16 Antibody (N-Terminus) - Images



Immunofluorescence of APC6 in human liver tissue with APC6 antibody at 20 ug/ml.



Western blot of APC6 in human liver tissue lysate with APC6 antibody at (A) 1 and (B) 2 ug/ml.



Anti-CDC16 / Apc6 antibody IHC of human liver.

APC6 / CDC16 Antibody (N-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.

APC6 / CDC16 Antibody (N-Terminus) - References

Tugendreich S.,et al.Cell 81:261-268(1995).
Zhou P.K.,et al.Submitted (JUL-1999) to the EMBL/GenBank/DDBJ databases.
Dunham A.,et al.Nature 428:522-528(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ollendorff V.,et al.J. Biol. Chem. 272:32011-32018(1997).