

APC6 / CDC16 Antibody (phospho-Thr580)
Rabbit Polyclonal Antibody
Catalog # ALS11305**Specification**

APC6 / CDC16 Antibody (phospho-Thr580) - Product Information

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

APC6 / CDC16 Antibody (phospho-Thr580) - 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

Amino acids 575-588 of Human Apc6 protein.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

APC6 / CDC16 Antibody (phospho-Thr580) is for research use only and not for use in diagnostic or therapeutic procedures.

APC6 / CDC16 Antibody (phospho-Thr580) - 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

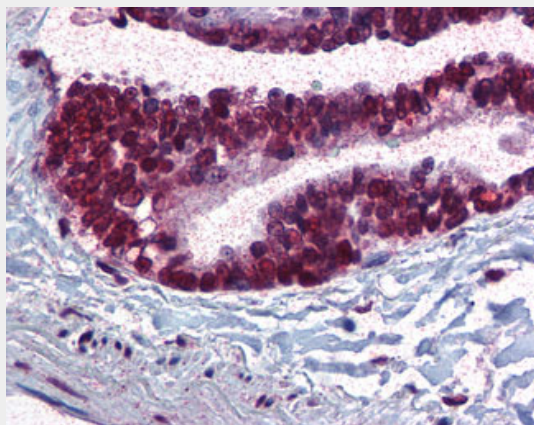
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Colocalizes with CDC27 to the centrosome at all stages of the cell cycle and to the mitotic spindle

APC6 / CDC16 Antibody (phospho-Thr580) - 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 (phospho-Thr580) - Images



Anti-CDC16 / Apc6 antibody IHC of human lung, respiratory epithelium.

APC6 / CDC16 Antibody (phospho-Thr580) - 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 (phospho-Thr580) - 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).