

Anti-CDC16 Antibody
Rabbit polyclonal antibody to CDC16
Catalog # AP61321**Specification**

Anti-CDC16 Antibody - Product Information

Application	WB, IHC
Primary Accession	Q13042
Other Accession	Q8R349
Reactivity	Human, Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71656

Anti-CDC16 Antibody - Additional Information**Gene ID** 8881**Other Names**

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

Target/Specificity

Recognizes endogenous levels of CDC16 protein.

DilutionWB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)
IHC~~1:100~500**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CDC16 Antibody - 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 (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

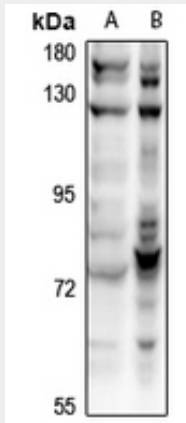
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Colocalizes with CDC27 to the centrosome at all stages of the cell cycle and to the mitotic spindle.

Anti-CDC16 Antibody - Protocols

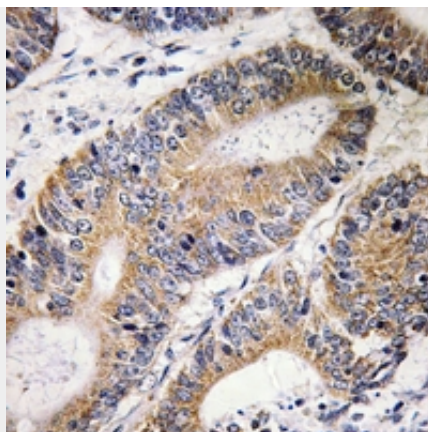
Provided below are standard protocols that you may find useful for product applications.

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

Anti-CDC16 Antibody - Images



Western blot analysis of CDC16 expression in MCF7 (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of CDC16 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-CDC16 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDC16. The exact sequence is proprietary.