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Anti-APC6 / CDC16 Antibody (aa181-230)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18316

Product Information

Application	WB, IHC-P, E
Primary Accession	Q13042
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	71656

Additional Information

Gene ID	8881
Alias Symbol	CDC16
Other Names	CDC16, ANAPC6, APC6, CDC16 homolog, Cyclosome subunit 6, CDC16Hs, CUT9
Target/Specificity	APC6 Antibody detects endogenous levels of total APC6 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-APC6 / CDC16 Antibody (aa181-230) is for research use only and not for use in diagnostic or therapeutic procedures.

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 the cell cycle (PubMed:18485873). APC/C 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). APC/C complex catalyzes assembly of branched 'Lys-11'-/'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:29033132). APC/C is activated by CDC20 in the metaphase/anaphase transition of cell cycle, targeting the degradation of cyclin B and securin (PubMed:27120157, PubMed:27509861). APC/C is regulated by the mitotic checkpoint complex (MCC), which inhibits APC/C and delays chromosome segregation (PubMed:27509861).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.