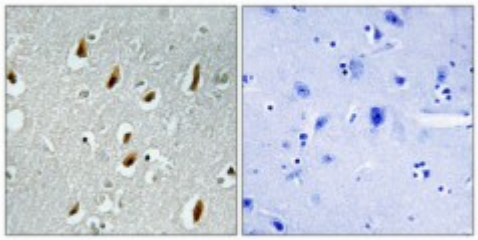
Anti-Cdc16 antibody



Description	Rabbit polyclonal to Cdc16.

Model	STJ92152
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Cdc16
Immunogen Region	150-230 aa, Internal
Gene ID	8881
Gene Symbol	CDC16
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	Cdc16 Polyclonal Antibody detects endogenous levels of Cdc16 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cell division cycle protein 16 homolog Anaphase-promoting complex subunit 6 APC6 CDC16 homolog CDC16Hs Cyclosome subunit 6
Molecular Weight	72 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1720OMIM:603461
Alternative Names	Cell division cycle protein 16 homolog Anaphase-promoting complex subunit 6 APC6 CDC16 homolog CDC16Hs Cyclosome subunit 6
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.
Sequence and Domain Family	TPR repeats 1-7 mediate homodimerization, while the C-terminal TPR repeats bind to CDC26, burying its hydrophobic N-terminus.
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Cytoplasm, cytoskeleton, spindle. Colocalizes with CDC27 to the centrosome at all stages of the cell cycle and to the mitotic spindle.
Post-translational Modifications	Phosphorylated. Phosphorylation on Ser-560 occurs specifically during mitosis.