

Product datasheet for **TA319342**

Apc6 (CDC16) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1,000 - 1:10,000, WB: 1:500 - 1:3,000, IF: User Optimized
Reactivity:	Human
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 575-588 of Human Apc6 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cell division cycle 16
Database Link:	NP_003894 Entrez Gene 8881 Human Q13042
Synonyms:	ANAPC6; APC6; CDC16Hs; CUT9
Note:	APC6 (also known as Cell division cycle protein 16 homolog (CDC16Hs), anaphase promoting complex subunit 6, and cyclosome subunit 6) is a component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis and the G ₁ phase of the cell cycle. The APC/C is composed of at least 11 subunits. APC6 interacts with PPP5C and CDC20. This protein colocalizes with CDC27 to the centrosome at all stages of the cell cycle and to the mitotic spindle. Splice variants have been described for this protein.



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Protein Families: Druggable Genome

Protein Pathways: Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis

Product images:



WB using Anti-APC6 pT580 antibody shows detection of a band ~72 kDa corresponding to phosphorylated human APC6 (arrowhead lane 1). Lane 1 - nocodazole treated HeLa whole cell lysate. Lane 2 - Reactivity is not seen in lysates from asynchronous HeLa whole cell cultures. Each lane contains approximately 35ug of lysates. Primary antibody diluted to 1:1,000 overnight at 4°C followed by washes and reaction with a 1:10,000 dilution of IRDye™800 conjugated Gt-a-Rabbit IgG [H&L] MX.