

Product datasheet for **TA349015**

CDC27 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	APC3 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human APC3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	APC3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cell division cycle 27
Database Link:	NP_001247 Entrez Gene 217232 Mouse Entrez Gene 360643 Rat Entrez Gene 996 Human P30260
Background:	APC3 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC3, also known as CDC27, a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), is a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. APC3 contains a tetratricopeptide repeat (TPR) region and interacts with mitotic checkpoint proteins including Mad2, p53CDC and BUBR1.
Synonyms:	ANAPC3; APC3; CDC27Hs; D0S1430E; D17S978E; H-NUC; HNUC; NUC2

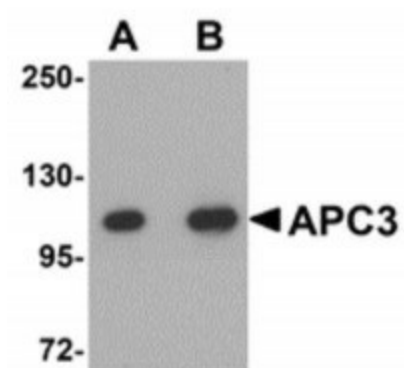


[View online »](#)

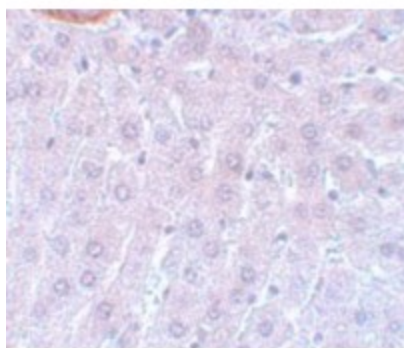
Protein Families: Druggable Genome

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

Product images:



Western blot analysis of APC3 in mouse liver tissue lysate with APC3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of APC3 in rat liver tissue with APC3 antibody at 5 ug/mL.