

## Product datasheet for **TA319928**

### Apc11 (ANAPC11) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	APC11 antibody was raised against an 18 amino acid synthetic peptide near the center of human APC11.
Formulation:	APC11 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	APC11 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:	anaphase promoting complex subunit 11
Database Link:	<a href="#">NP_001002244</a> <a href="#">Entrez Gene 66156 Mouse</a> <a href="#">Entrez Gene 498030 Rat</a> <a href="#">Entrez Gene 51529 Human</a> <a href="#">Q9NYG5</a>



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**Background:**

APC11 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC11 is a highly conserved 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. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. The individual APC/C components mRNA and protein levels are expressed at approximately the same levels in most tissues and cell lines, suggesting that they perform their functions as part of a complex. APC11, together with APC2 and Ubc4, form the minimal APC ubiquitin ligase module.

**Synonyms:**

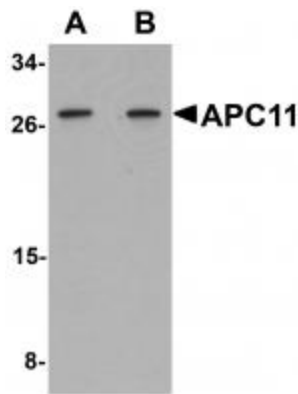
APC11; Apc11p; HSPC214

**Protein Families:**

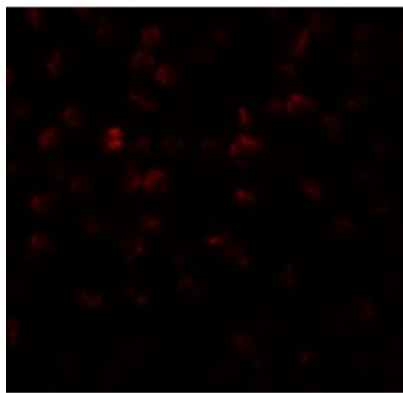
Druggable Genome

**Protein Pathways:**

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

**Product images:**

Western blot analysis of APC11 in 3T3 cell tissue lysate with APC11 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of APC11 in 3T3 cells with APC11 antibody at 20 ug/mL.