

## Product datasheet for **AP09274PU-N**

### **Apc1 (ANAPC1) pSer355 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA
<b>Recommended Dilution:</b>	ELISA: 1:80,000.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide corresponding to amino acids 351-359 of Human Apc 1
<b>Specificity:</b>	This antibody is specific for phosphorylated APC1 protein at the pS355 residue.
<b>Formulation:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide State: Aff - Purified State: Liquid purified Ig
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	anaphase promoting complex subunit 1
<b>Database Link:</b>	<a href="#">Entrez Gene 64682 Human Q9H1A4</a>



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**Background:**

APC1 (also known as Anaphase promoting complex subunit 1, Cyclosome subunit 1, Protein Tsg24, Mitotic checkpoint regulator and ANAPC1) is 1 of at least 11 subunits of the anaphase-promoting complex (APC), which functions at the metaphase-to-anaphase transition of the cell cycle and is regulated by spindle checkpoint proteins. The APC is an E3 ubiquitin ligase that targets cell cycle regulatory proteins for degradation by the proteasome, thereby allowing progression through the cell cycle.

**Synonyms:**

Anaphase-promoting complex subunit 1, TSG24, MCPR