

Rabbit Anti-phospho-APC1 (Ser377)/Cy5 Conjugated antibody

SL5174R-Cy5

Product Name	Anti-phospho-APC1 (Ser377)/Cy5
Chinese Name	Cy5 标记的磷酸化细胞周期末期促进复合蛋白 APC1 抗体
Alias	Apc1 (phospho S377); p-Apc1 (phospho S377); phospho-ANAPC1(Ser377); ANAPC 1; ANAPC1; Anaphase promoting complex subunit 1; anaphase-promoting complex 1 (meiotic checkpoint regulator); Anaphase-promoting complex subunit 1; Apc 1; APC1; APC1_HUMAN; Cyclosome subunit 1; MCPR; Meiotic checkpoint regulator; Mitotic checkpoint regulator; Protein Tsg 24; Protein Tsg24; Testis-specific gene 24 protein; TSG 24; TSG24.
Product Type	Phosphorylated anti
Research Area	Cell biology immunology Cyclin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	212kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated Synthesised phosphopeptide derived from human ANAPC1 around the phosphorylation site of Ser377
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks

at 2-4 °C.

background:

This gene encodes a subunit of the anaphase-promoting complex. This complex is an E3 ubiquitin ligase that regulates progression through the metaphase to anaphase portion of the cell cycle by ubiquitinating proteins which targets them for degradation. [provided by RefSeq, Dec 2011].

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.

Subunit:

The APC/C is composed of at least 12 subunits.

Post-translational modifications:

Phosphorylated. Phosphorylation on Ser-355 occurs specifically during mitosis.

Product Detail

Similarity:

Belongs to the APC1 family.
Contains 4 PC repeats.

Database links:

[Entrez Gene: 64682](#) Human

[Entrez Gene: 535565](#) Cow

[Entrez Gene: 475750](#) Dog

[Entrez Gene: 17222](#) Mouse

[Omim: 608473](#) Human

[SwissProt: E1BAB6](#) Cow

[SwissProt: E2RLM2](#) Dog

[SwissProt: Q9H1A4](#) Human



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