



Rabbit Anti-APC5 antibody

SL7778R

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| Product Name: | APC5 |
| Chinese Name: | 细胞分裂周期蛋白5抗体 |
| Alias: | ANAPC 5; ANAPC5; Anaphase promoting complex subunit 5; Anaphase-promoting complex subunit 5; Apc 5; APC5; APC5_HUMAN; Cyclosome subunit 5; PDL 108; PDL108; Periodontal ligament fibroblast protein; RMC1. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 85kDa |
| Cellular localization: | The nucleocytoplasmic |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human APC5:51-150/755 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | 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.

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.

Similarity:

Belongs to the APC5 family.
Contains 4 TPR repeats.

SWISS:

Q9UJX4

Gene ID:

51433

Database links:

[Entrez Gene: 51433](#)Human

[Entrez Gene: 59008](#)Mouse

[Entrez Gene: 288671](#)Rat

[Omim: 606948](#)Human

[SwissProt: Q9UJX4](#)Human

[SwissProt: Q8BTZ4](#)Mouse

[SwissProt: A1L1K3](#)Rat

[Unigene: 7101](#)Human

[Unigene: 332667](#)Mouse

[Unigene: 359360](#)Mouse

[Unigene: 101004](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

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| | therapeutic or diagnostic applications. |
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