
Product Name: APC1 (phospho Ser355) Rabbit Polyclonal Antibody**Catalog #: APRab04244**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse |
| Conjugation | Unconjugated |
| Modification | Phosphorylated |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000

Molecular Weight

Antigen Information

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|--------------------------|---|
| Gene Name | ANAPC1 |
| Alternative Names | ANAPC1; TSG24; Anaphase-promoting complex subunit 1; APC1; Cyclosome subunit 1; Mitotic checkpoint regulator; Testis-specific gene 24 protein |
| Gene ID | 64682.0 |
| SwissProt ID | Q9H1A4 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human APC1 around the phosphorylation site of Ser355. AA range:321-370 |

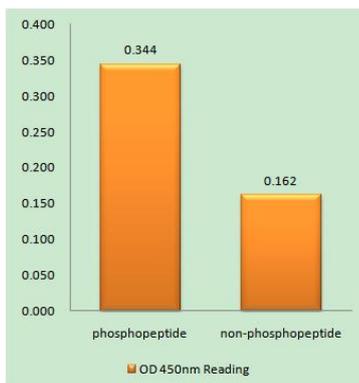
Background

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.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated. Phosphorylation on Ser-355 occurs specifically during mitosis.,similarity:Belongs to the APC1 family.,similarity:Contains 4 PC repeats.,subunit:The APC/C is composed of at least 11 subunits.,

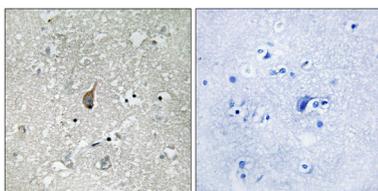
Research Area

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;Ubiquitin mediated proteolysis;Progesterone-mediated oocyte maturation;

Image Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using APC1 (Phospho-Ser355) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using APC1 (Phospho-Ser355) Antibody. The picture on the right is blocked with the phospho peptide.