

# APC1 (Phospho Ser355) Rabbit pAb

CatalogNo: YP1068

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse

### Applications

- IHC, IF, ELISA

### MW

- 217kD (Calculated)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human APC1 around the phosphorylation site of Ser355. AA range: 321-370

**Specificity** Phospho-APC1 (S355) Polyclonal Antibody detects endogenous levels of APC1 protein only when phosphorylated at S355. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): AHsPA

## Target Information

**Gene name** ANAPC1

**Protein Name** Anaphase-promoting complex subunit 1

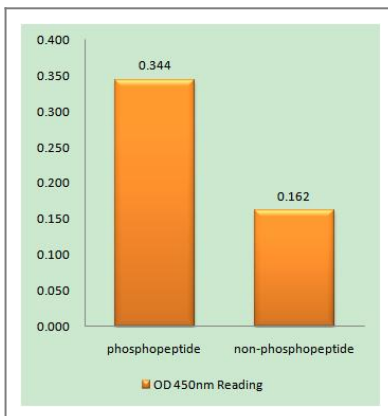
Organism	Gene ID	UniProt ID
Human	<a href="#">64682</a> ;	<a href="#">Q9H1A4</a> ;
Mouse	<a href="#">17222</a> ;	<a href="#">P53995</a> ;

**Cellular Localization** nucleoplasm,anaphase-promoting complex,cytosol,

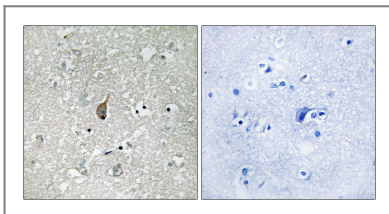
**Tissue specificity** Colon,Epithelium,Ovary,Placenta,

**Function** 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.,

## Validation 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.

## Contact information

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Please scan the QR code to access additional product information:  
**APC1 (Phospho Ser355) Rabbit pAb**

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