

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

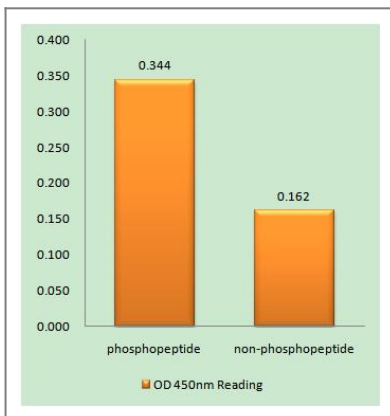
Organism	Gene ID	UniProt ID
Human	64682 ;	Q9H1A4 ;
Mouse	17222 ;	P53995 ;

Cellular Localization nucleoplasm ,anaphase-promoting complex ,cytosol ,

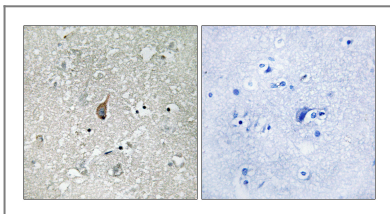
Tissue specificity Colon ,Epithelium ,Ovary ,Placenta ,

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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