

APC1 (phospho Ser355) Polyclonal Antibody

Catalog No: YP1068

Reactivity: Human; Mouse

Applications: IHC;IF;ELISA

Target: APC1

Fields: >>Cell cycle;>>Oocyte meiosis;>>Ubiquitin mediated

proteolysis;>>Progesterone-mediated oocyte maturation;>>Human T-cell

leukemia virus 1 infection

Gene Name: ANAPC1

Protein Name: Anaphase-promoting complex subunit 1

Q9H1A4

P53995

Human Gene Id: 64682

Human Swiss Prot

No:

Mouse Gene Id: 17222

Mouse Swiss Prot

No:

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.

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

Source: Polyclonal, Rabbit, IgG

Dilution : IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

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

Molecularweight: 217kD

Cell Pathway: Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;Ubiquitin mediated

proteolysis; Progesterone-mediated oocyte maturation;

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: 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

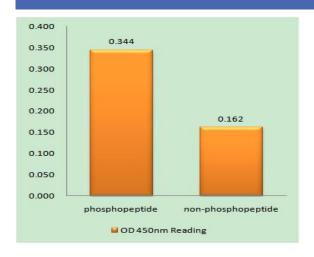
least 11 subunits.,

Subcellular Location:

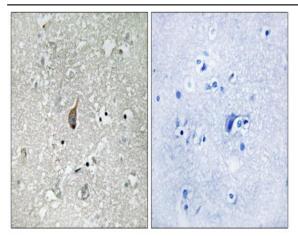
nucleoplasm, anaphase-promoting complex, cytosol,

Expression: Colon, Epithelium, Ovary, Placenta,

Products Images



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.