



APC1 Polyclonal Antibody

Catalog No	YP-Ab-16658
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	ANAPC1
Immunogen	The antiserum was produced against synthesized peptide derived from human APC1. AA range:654-703
Specificity	APC1 Polyclonal Antibody detects endogenous levels of APC1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TSG 24;Testis-specific gene 24 protein;Mitotic checkpoint regulator;Apc 1; Anaphase-promoting complex subunit 1;APC1;ANAPC1;TSG24;Cyclosome subunit 1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	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.,



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],

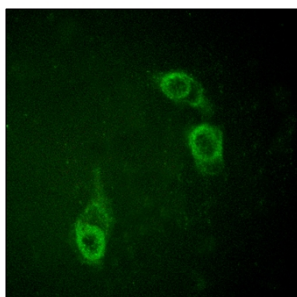
matters needing attention

Avoid repeated freezing and thawing!

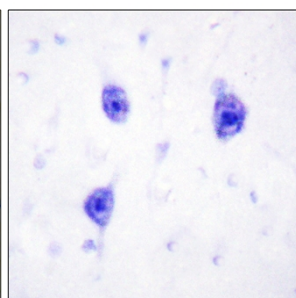
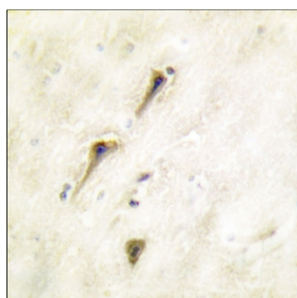
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunofluorescence analysis of HepG2 cells, using APC1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using APC1 Antibody. The picture on the right is blocked with the synthesized peptide.