

[Go to Product page](#)

Datasheet for ABIN6991327

anti-ANAPC7 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	ANAPC7
Binding Specificity:	AA 520-570, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANAPC7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	APC7 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human APC7. The immunogen is located within amino acids 520 - 570 of APC7.
Isotype:	IgG
Purification:	APC7 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ANAPC7
Alternative Name:	APC7 (ANAPC7 Products)
Background:	APC7 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC7 is a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-

Target Details

regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. The individual APC/C components mRNA and protein levels are expressed at approximately the same levels in most tissues and cell lines, suggesting that they perform their functions as part of a complex. APC7 is required for proper protein ubiquitination function of APC/C and for the interaction of APC/C with various transcription coactivators.

Molecular Weight: Predicted: 66 kDa

Observed: 68 kDa

Gene ID: 51434

NCBI Accession: [NP_057322](#)

UniProt: [Q9UJX3](#)

Application Details

Application Notes: APC7 antibody can be used for detection of APC7 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in rat samples.
All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: APC7 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Handling

Storage Comment: APC7 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.