

Rabbit APC7 Polyclonal Antibody | anti-ANAPC7 antibody

APC7 Antibody

CATALOG # AAA39644	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

APC7; Polyclonal Antibody; APC7 Antibody; Anaphase-promoting complex subunit 7; Cyclosome subunit 7; anaphase promoting complex subunit 7; anti-ANAPC7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APC7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	599
Applicable Applications for anti-ANAPC7 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	APC7 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human APC7.
Buffer	APC7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	APC7 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of APC7 in rat kidney tissue with APC7 antibody at 20 μg/mL.



WB (Western Blot)

Western blot analysis of APC7 in HeLa cell lysate with APC7 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ANAPC7 antibody	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-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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	212549736
NCBI GeneID	51434
NCBI Accession #	NP_057322
NCBI GenBank Nucleotide #	NM_016238.2
UniProt Accession #	Q9UJX3; Q96AC4; Q96GF4; Q9BU24; Q9NT16
Molecular Weight	60,002 Da
NCBI Official Full Name	anaphase-promoting complex subunit 7 isoform a
NCBI Official Synonym Full Names	anaphase promoting complex subunit 7
NCBI Official Symbol	ANAPC7
NCBI Official Synonym Symbols	APC7
NCBI Protein Information	anaphase-promoting complex subunit 7; cyclosome subunit 7
UniProt Protein Name	Anaphase-promoting complex subunit 7
UniProt Gene Name	ANAPC7
UniProt Synonym Gene Names	APC7; APC7
UniProt Entry Name	APC7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/apc7-antibody-immunofluorescence-western-blot-elisa/39644>