

Rabbit APC5 Polyclonal Antibody | anti-ANAPC5 antibody

APC5 Antibody

CATALOG # AAA40194	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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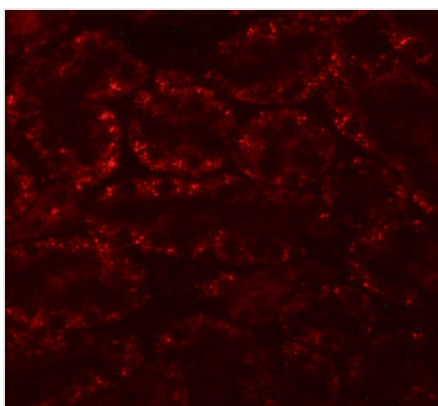
PRODUCT SYNONYMS

APC5; Polyclonal Antibody; APC5 Antibody; Anaphase-promoting complex subunit 5; Cyclosome subunit 5; anaphase promoting complex subunit 5; anti-ANAPC5 antibody

PRODUCT SPECIFICATIONS

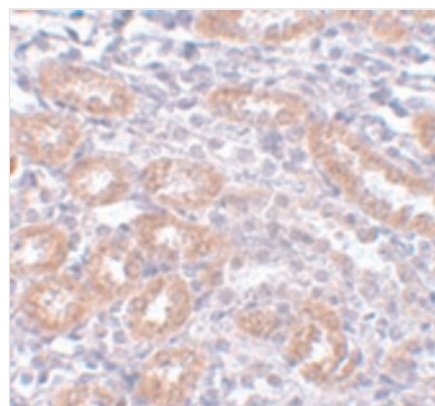
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APC5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	755
Applicable Applications for anti-ANAPC5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	APC5 antibody was raised against a 17 amino acid synthetic peptide near the center of human APC5.
Buffer	APC5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	APC5 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



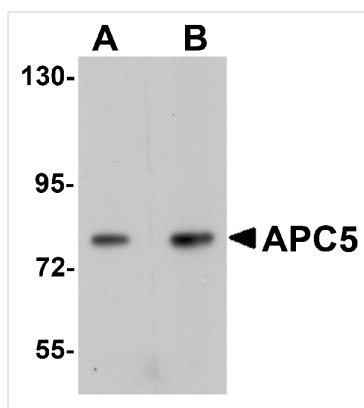
IF (Immunofluorescence)

Immunofluorescence of APC5 in rat kidney tissue with APC5 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of APC5 in rat kidney tissue with APC5 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of APC5 in human kidney tissue lysate with APC5 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ANAPC5 antibody

APC5 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC5 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. While little is known of APC5, it is thought that APC5 associates with other APC/C components APC1, APC4, and CDC23 interdependently, such that loss of any one subunit reduces binding between the remaining three.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37537861
NCBI GeneID	51433
UniProt Accession #	Q9UJX4; Q8N4H7; Q9BQD4; E9PFB2
Molecular Weight	72,526 Da
NCBI Official Full Name	Anaphase-promoting complex subunit 5
NCBI Official Synonym Full Names	anaphase promoting complex subunit 5
NCBI Official Symbol	ANAPC5
NCBI Official Synonym Symbols	APC5
NCBI Protein Information	anaphase-promoting complex subunit 5; cyclosome subunit 5
UniProt Protein Name	Anaphase-promoting complex subunit 5
UniProt Gene Name	ANAPC5
UniProt Synonym Gene Names	APC5; APC5
UniProt Entry Name	APC5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apc5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40194>