

Rabbit anti-Human, Mouse APC2 Polyclonal Antibody | anti-APC2 antibody

APC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39818	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

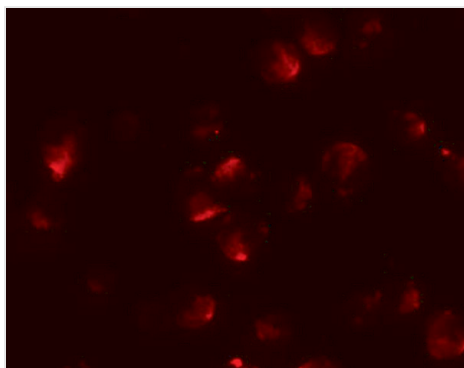
PRODUCT SYNONYMS

APC2; Polyclonal Antibody; APC2 Antibody; APCL; Adenomatous polyposis coli protein 2; Adenomatous polyposis coli protein-like; APC-like; adenomatosis polyposis coli 2; anti-APC2 antibody

PRODUCT SPECIFICATIONS

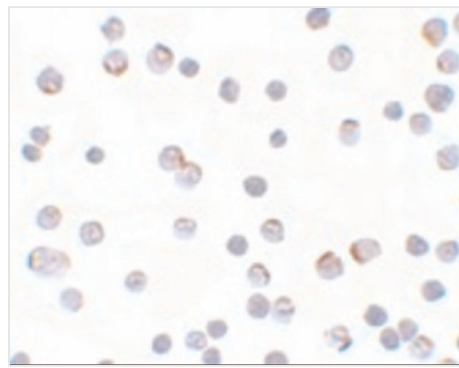
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APC2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2303
Applicable Applications for anti-APC2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	APC2 antibody was raised against an 18 amino acid synthetic peptide near the center of human APC2.
Buffer	APC2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	APC2 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



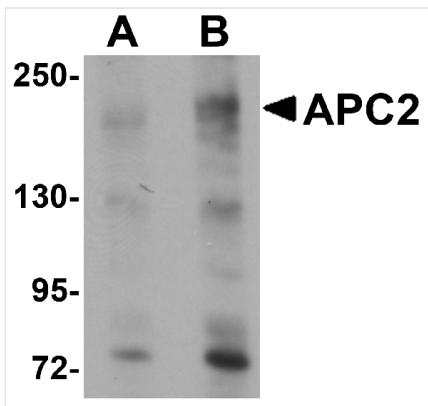
IF (Immunofluorescence)

Immunofluorescence of APC2 in HeLa cells with APC2 antibody at 20 µg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of APC2 in HeLa cells with APC2 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of APC2 in HeLa cell lysate with APC2 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-APC2 antibody

APC2 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC2 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. Like APC11, APC2 contains cullin and RING finger domains that are thought to be important in regulating ubiquitination activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3894265
NCBI GeneID	10297
UniProt Accession #	O95996; Q05BW4; Q9UBZ1; Q9UEM8; Q9UQJ8; Q9UQJ9; Q9Y632
Molecular Weight	243,821 Da
NCBI Official Full Name	APCL protein
NCBI Official Synonym Full Names	adenomatosis polyposis coli 2
NCBI Official Symbol	APC2
NCBI Official Synonym Symbols	APCL
NCBI Protein Information	adenomatous polyposis coli protein 2; adenomatous polyposis coli like
UniProt Protein Name	Adenomatous polyposis coli protein 2
UniProt Gene Name	APC2
UniProt Synonym Gene Names	APCL; APC-like
UniProt Entry Name	APC2_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://www.aaabiotech.com/polyclonal/apc2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39818>