

Rabbit anti-Human APC Polyclonal Antibody | anti-APC antibody

Rabbit anti-APC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211260	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

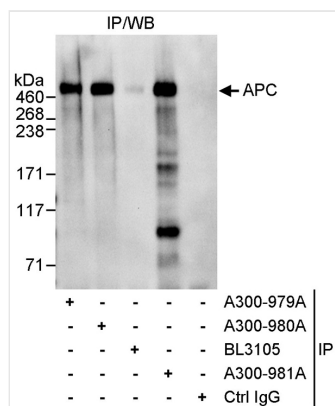
PRODUCT SYNONYMS

APC; Polyclonal Antibody; Rabbit anti-APC Antibody; Affinity Purified; DP3; WNT signaling pathway regulator; truncated adenomatosis polyposis coli; protein phosphatase 1; regulatory subunit 46; Protein APC; PPP1R46; adenomatosis polyposis coli tumor suppressor; epididymis secretory sperm binding protein; DP2.5; DP2; deleted in polyposis 2.5; BTPS2; adenomatous polyposis coli protein; adenomatous polyposis coli (APC); GS; Adenomatous polyposis coli protein; anti-APC antibody

PRODUCT SPECIFICATIONS

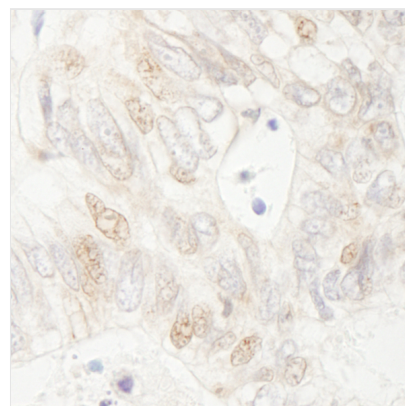
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-APC antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 2793 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human APC by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-APC antibody AAA211260 used for IP at 3 ug/mg lysate. APC was also immunoprecipitated by rabbit anti-APC antibodies and which recognize upstream epitopes. For blotting immunoprecipitated APC, AAA211260 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human APC by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-APC (Cat. No. AAA211260 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-APC antibody	Adenomatosis polyposis coli (APC) is a tumor suppressor gene found to be mutated in most colon cancers and is the cause of familial adenomatous polyposis (FAP), an autosomal dominant disease that results in a predisposition to malignant colon cancer. APC has been shown to be involved in cell differentiation, migration, proliferation and adhesion. One function of APC involves its role as a scaffolding protein that regulates the phosphorylation and degradation of beta-catenin, a transcriptional regulator in the WNT signaling pathway. Additionally, APC has been found to be important in the regulation of microtubule arrays and mitotic spindle formation.
Product Categories/Family for anti-APC antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	53759122
NCBI GeneID	324
NCBI Accession #	NP_000029.2
NCBI GenBank Nucleotide #	NM_000038.5
UniProt Accession #	P25054; Q15162; Q15163; Q93042; D3DT03
Molecular Weight	311,646 Da
NCBI Official Full Name	adenomatous polyposis coli protein isoform b
NCBI Official Synonym Full Names	adenomatous polyposis coli
NCBI Official Symbol	APC
NCBI Official Synonym Symbols	GS; DP2; DP3; BTPS2; DP2.5; PPP1R46
NCBI Protein Information	adenomatous polyposis coli protein; deleted in polyposis 2.5; adenomatosis polyposis coli tumor suppressor; protein phosphatase 1, regulatory subunit 46
UniProt Protein Name	Adenomatous polyposis coli protein
UniProt Gene Name	APC
UniProt Synonym Gene Names	DP2.5; Protein APC
UniProt Entry Name	APC_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/apc-antibody-immunohistochemistry-immunoprecipitation-elisa/211260>