

Rabbit anti-Human, Rat APC Monoclonal Antibody | anti-APC antibody

APC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312276	Rabbit	Human, Rat	Immunoprecipitation, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

APC; Monoclonal Antibody; APC Antibody; Adenomatous Polyposis Coli antibody; Adenomatous polyposis coli protein antibody; Apc antibody; APC_HUMAN antibody; CC1 antibody; Deleted in polyposis 2.5 antibody; DP2 antibody; DP2.5 antibody; DP3 antibody; FAP antibody; FPC antibody; GS antibody; Protein APC antibody; anti-APC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	SC61-03
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-APC antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



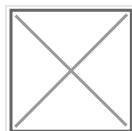
ICC (Immunocytochemistry)

ICC staining APC in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining APC in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of APC on mouse brain lysates using anti-APC antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-APC antibody	The adenomatous polyposis syndromes, familial adenomatous polyposis (FAP) and Gardners syndrome (GS), are characterized by numerous adenomatous polyps throughout the entire colon. These polyps invariably progress to colon cancer in addition to other extracolonic manifestations. The cloning of the APC gene revealed a ubiquitously expressed protein, 2, 843 amino acids in length, which is frequently mutated in patients suffering from FAP and GS. APC has been found to be associated with structural components of intracellular junctions. beta-catenin and gamma-catenin (also called plakoglobin), are involved in the regulation of cellular adhesion. APC and E-cadherin compete for binding to specific internal regions of both beta- and gamma-catenin. Interactions between cytoskeleton and the APC, E-cadherin, beta /gamma catenin complex are mediated by alpha-catenin.
Product Categories/Family for anti-APC antibody	Total protein Ab

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/apc-antibody-clone-sc61-03-immunoprecipitation-immunocytochemistry-western-blot-elisa/312276>