

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

APC Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282645	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

APC; Monoclonal Antibody; APC Rabbit mAb; GS; DP2; DP3; BTPS2; DESMD; DP2.5; PPP1R46; anti-APC antibody

PRODUCT SPECIFICATIONS

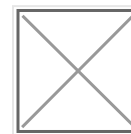
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAAASYDQLL KQVEALKMEN SNLRQELEDN SNHLTKLETE ASNMKEVLKQ LQGSIEDEAM ASSGQIDLLE RLKELNLDSS NFPGVKLRSK MSLRSYGSRE
Applicable Applications for anti-APC antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human APC (NP_000029.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 600 ug extracts of Mouse lung using 3 ug APC antibody (AAA282645). Western blot was performed from the immunoprecipitate using APC antibody (AAA282645) at a dilution of 1:500.



WB (Western Blot)

Western blot analysis of various lysates using APC Rabbit mAb (AAA282645) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-APC antibody	This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Mutations in the APC gene have been found to occur in most colorectal cancers, where disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product.
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Product Categories/Family for anti-APC antibody

Epigenetics Nuclear Signaling; Transcription Factors; Cancer; Tumor suppressors; Signal Transduction; Cell Biology Developmental Biology; Apoptosis; Cell Cycle; Centrosome; Cell Adhesion; Microtubules; Wnt --- Catenin Signaling Pathway; ESC Pluripotency an

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	Calculated MW: 312kDa Observed MW: 160kDa
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://stage.aaabiotech.com/monoclonal/apc-antibody-immunoprecipitation-western-blot-elisa/282645>