

Rabbit APC6 Monoclonal Antibody | anti-APC6 antibody

APC6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312356	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

APC6; Monoclonal Antibody; APC6 Antibody; ANAPC6 antibody; Anaphase promoting complex subunit 6 antibody; Anaphase-promoting complex subunit 6 antibody; Apc 6 antibody; APC6 antibody; CDC 16 antibody; CDC16 (cell division cycle 16 S. cerevisiae homolog) antibody; Cdc16 antibody; CDC16 homolog antibody; CDC16 protein antibody; CDC16_HUMAN antibody; CDC16Hs antibody; Cell division cycle 16 antibody; Cell division cycle 16 homolog antibody; Cell division cycle protein 16 homolog antibody; CUT9 antibody; Cyclosome subunit 6 antibody; anti-APC6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD085-8
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-APC6 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



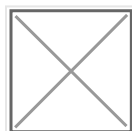
ICC (Immunocytochemistry)

ICC staining APC6 in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



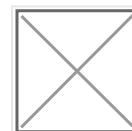
ICC (Immunocytochemistry)

ICC staining APC6 in MCF-7 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 APC6 in HepG2 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 APC6 on Hela cells lysates using anti-APC6 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-APC6 antibody	Cell cycle events are regulated by the sequential activation and deactivation of cyclin dependent kinases (Cdks) and by the proteolysis of cyclins. The cell division cycle (Cdc) genes are required at various points in the cell cycle. Cdc25A, Cdc25B and Cdc25C protein tyrosine phosphatases function as mitotic activators by dephosphorylating Cdc2 p34 on regulatory tyrosine residues. Cdc6 is the human homolog of Saccharomyces cerevisiae Cdc6, which is involved in the initiation of DNA replication. Cdc37 appears to facilitate Cdk4/cyclin D1 complex formation and has been shown to form a stable complex with Hsp90. Cdc34, Cdc27 and Cdc16 function as ubiquitin-conjugating enzymes. Cdc34 is thought to be the structural and functional homolog of Saccharomyces cerevisiae Cdc34, which is essential for the G1 to S phase transition. Cdc16 and Cdc27 are components of the APC (anaphase-promoting complex) which ubiquitinates cyclin B, resulting in cyclin B/Cdk complex degradation.
Product Categories/Family for anti-APC6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	118402578
NCBI GeneID	8881
NCBI Accession #	NP_001072113.1
NCBI GenBank Nucleotide #	NM_001078645.1
UniProt Accession #	Q13042; Q5T8C8; Q96AE6; Q9Y564; A2A365
Molecular Weight	71,656 Da
NCBI Official Full Name	cell division cycle protein 16 homolog
NCBI Official Synonym Full Names	cell division cycle 16
NCBI Official Symbol	CDC16
NCBI Official Synonym Symbols	APC6; CUT9; ANAPC6
NCBI Protein Information	cell division cycle protein 16 homolog; CDC16Hs; cyclosome subunit 6; cell division cycle 16 homolog; anaphase-promoting complex subunit 6; anaphase-promoting complex, subunit 6
UniProt Protein Name	Cell division cycle protein 16 homolog
UniProt Gene Name	CDC16
UniProt Synonym Gene Names	ANAPC6; APC6; CDC16Hs
UniProt Entry Name	CDC16_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.