

Rabbit APC8 Polyclonal Antibody | anti-CDC23 antibody

APC8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39934	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

APC8; Polyclonal Antibody; APC8 Antibody; CUT23; ANAPC8; Cell division cycle protein 23 homolog; Anaphase-promoting complex subunit 8; cell division cycle 23 homolog (*S. cerevisiae*); anti-CDC23 antibody

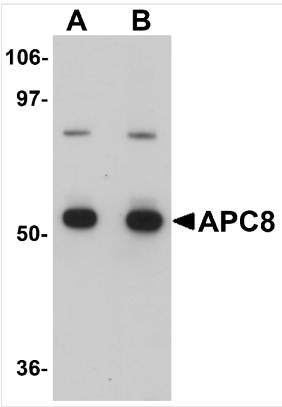
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APC8 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	597
Applicable Applications for anti-CDC23 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	APC8 antibody was raised against a 17 amino acid synthetic peptide near the center of human APC8.
Buffer	APC8 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	APC8 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



ICC (Immunocytochemistry)
Immunocytochemistry of APC8 in K562 cells with APC8 antibody at 5 µg/mL.



WB (Western Blot)
Western blot analysis of APC8 in K562 cell lysate with APC8 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC23 antibody	APC8 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC8 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. In Drosophila, silencing of APC8 results in developmental delay and pupal lethality with elevated levels of apoptosis, high mitotic index, and delayed or blocked mitosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254763423
NCBI GeneID	8697
UniProt Accession #	Q9UJX2; O75433; Q53FN2; Q9BS73; A8K6E5; B4E3A2; B7WP05; D3DQB7
Molecular Weight	55,882 Da
NCBI Official Full Name	Cell division cycle protein 23 homolog
NCBI Official Synonym Full Names	cell division cycle 23
NCBI Official Symbol	CDC23
NCBI Official Synonym Symbols	APC8; CUT23; ANAPC8
NCBI Protein Information	cell division cycle protein 23 homolog; cyclosome subunit 8; cell division cycle 23 homolog; anaphase promoting complex subunit 8; anaphase-promoting complex subunit 8
UniProt Protein Name	Cell division cycle protein 23 homolog
UniProt Gene Name	CDC23
UniProt Synonym Gene Names	ANAPC8; APC8
UniProt Entry Name	CDC23_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.