

Rabbit CDC23 Monoclonal Antibody | anti-CDC23 antibody

CDC23 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312355	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

CDC23; Monoclonal Antibody; CDC23 Antibody; ANAPC8 antibody; Anaphase promoting complex subunit 8 antibody; Anaphase-promoting complex subunit 8 antibody; Apc 8 antibody; APC8 antibody; Cdc 23 antibody; CDC23 antibody; CDC23_HUMAN antibody; cell division cycle 23 antibody; Cell division cycle 23 homolog antibody; Cell division cycle protein 23 antibody; Cell division cycle protein 23 homolog antibody; Cut23 antibody; Cyclosome subunit 8 antibody; anti-CDC23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD08-60
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CDC23 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



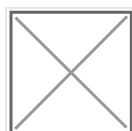
ICC (Immunocytochemistry)

ICC staining Cdc23 in HepG2 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 Cdc23 in HeLa 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 Cdc23 on HeLa cells lysates using anti-Cdc23 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC23 antibody	Cell cycle progression is controlled at a point late in G1 designated Start. Passage through Start requires the activity of the cyclin-dependent protein kinase Cdc28. Transition from G1 to S phase requires the association of Cdc28 with members of the G1 cyclin family. Exit from mitosis and initiation of the next cell cycle requires a complex of proteins designated the anaphase-promoting complex (APC). This complex consists of two proteins, Cdc16 and Cdc27 (also referred to as Snb1), which are involved in limiting DNA replication to once per cell cycle. Cdc23, another component of the APC, is required for both entering and exiting anaphase, and is important for the proper separation of sister chromatids. The APC is thought to be stabilized by Cdc26 (also known as Scd26). In addition to these APC proteins, Cdc5 is also required for completion of mitosis. In contrast, Cdc20 acts as a DNA-damage induced checkpoint, preventing mitosis when DNA damage has occurred.
Product Categories/Family for anti-CDC23 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	118402596
NCBI GeneID	8697
NCBI Accession #	NP_004652.2
NCBI GenBank Nucleotide #	NM_004661.3
UniProt Accession #	Q9UJX2; O75433; Q53FN2; Q9BS73; A8K6E5; B4E3A2; B7WP05; D3DQB7
Molecular Weight	68,834 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.