CDCA5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CDCA5, Polyclonal Antibody
Full Product Name	CDCA5 Rabbit pAb
Product Gene Name	anti-CDCA5 antibody
Product Synonym Names	CDCA5; Cell division cycle associated protein 5; Cell division cycle-associated protein 5; p35; Sororin
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Purity/Purification	Affinity Chromatography
Preparation and Storage	Store at 4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.
Molecular Weight	35kDa
OMIM	609374
3D Structure	ModBase 3D Structure for Q96FF9
Immunogen	A synthesized peptide derived from human CDCA5
Cellular Localization	Chromosome, Cytoplasm, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CDCA5 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FC/FACS)
Application Notes for anti-CDCA5 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC/IF: 1:50-1:200 FC/FACS: 1:50
Related Product Information for anti-CDCA5 antibody	Regulator of sister chromatid cohesion in mitosis stabilizing cohesin complex association with chromatin. May antagonize the action of WAPAL which stimulates cohesin dissociation from chromatin. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Required for efficient DNA double-stranded break repair.
Other Notes	Small volumes of anti-CDCA5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CDCA5 purchase	MBS8542971 is an antibody targeting CDCA5. Also known as CDCA5 Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDCA5. It may not necessarily be applicable to this product.

NCBI GI #	18087845

NCBI GeneID	113130
NCBI Accession #	NP_542399.1
UniProt Primary Accession #	Q96FF9
UniProt Related Accession #	Q96FF9
GenBank Nucleotide #	NP_542399.1
NCBI Official Full Name	sororin
NCBI Official Synonym Full Names	cell division cycle associated 5
NCBI Official Symbol	CDCA5
NCBI Official Synonym Symbols	SORORIN
UniProt Protein Name	Sororin
UniProt Synonym Protein Names	Cell division cycle-associated protein 5; p35
Protein Family	Sororin
UniProt Gene Name	CDCA5
UniProt Entry Name	CDCA5_HUMAN
NCBI Protein Information	sororin
Research Articles on CDCA5	**1.** These findings suggest that CDCA5 expression is associated with poor prognosis in patients with hepatocellular carcinoma.
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