

Datasheet for ABIN2787614
anti-CDCA5 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CDCA5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Cow, Rabbit, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDCA5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CDCA5
Sequence:	RRSYSRLETL GSASTSTPGR RSCFGFEGLL GAEDLSGVSP VVCSKLTEVP
Predicted Reactivity:	Cow: 100%, Dog: 93%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 86%
Characteristics:	This is a rabbit polyclonal antibody against CDCA5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CDCA5
Alternative Name:	CDCA5 (CDCA5 Products)
Background:	CDCA5 is the regulator of sister chromatid cohesion in mitosis. It may act by regulating the

Target Details

ability of the cohesin complex to mediate sister chromatid cohesion, perhaps by altering the nature of the interaction of cohesin with the chromosomes.

Alias Symbols: MGC16386, SORORIN

Protein Interaction Partner: KDM1A, STAG2, RAD21, PLK1, CDK1, PDS5A, PDS5B, SMC3, RPAIN, SENP2, TTLL3, IRAK3, POTEKP, NAA16, LARP1, CETN2, UBC, CDCA5, XRCC6,

Protein Size: 252

Molecular Weight: 28 kDa

Gene ID: 113130

NCBI Accession: [NM_080668](#), [NP_542399](#)

UniProt: [Q96FF9](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 252 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

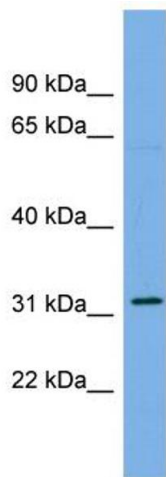
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

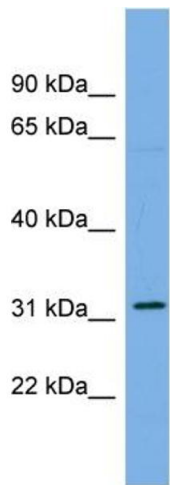
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-CDCA5 Antibody Titration:
0.2-1 ug/ml

Positive Control: OVCAR-3 cell lysate



Rabbit Anti-CDCA5 Antibody
Catalog Number: ARP58263
Lot Number: QC24539
Lane: OVCAR-3 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-CDCA5
Antibody Titration: 0.2-1 µg/mL
Positive Control: OVCAR-3 cell lysate