

**bs-7786R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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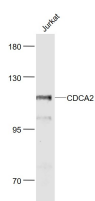
sales@bioss.com.cn

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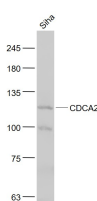
400-901-9800

**CDCA2 Rabbit pAb****— DATASHEET —**

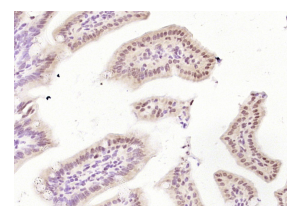
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Dog, Horse)  <b>Predicted MW.:</b> 113 kDa  <b>Subcellular Location:</b> Cell membrane ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 157313	<b>SWISS:</b> Q69YH5	
<b>Target:</b> CDCA2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CDCA2: 361-450/1023.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> CDCA2 is a regulator of chromosome structure during mitosis. CDCA2 forms an essential complex with protein phosphatase PP1-gamma subunit 1 (PPP1CC) and is required for the recruitment of PP1 to chromatin. Knockdown of CDCA2 by RNAi causes large-scale cell death by apoptosis, as does overexpression of a dominant-negative mutant of the protein.		

**— VALIDATION IMAGES —**

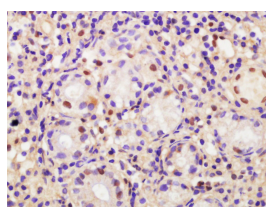
Sample: Jurkat(Human) Cell Lysate at 30 ug  
Primary: Anti- CDCA2 (bs-7786R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 113 kD Observed band size: 113 kD



Sample: SiHa(Human) Cell Lysate at 30 ug  
Primary: Anti- CDCA2 (bs-7786R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 113 kD Observed band size: 113 kD



araformaldehyde-fixed, paraffin embedded  
(mouse intestine); Antigen retrieval by boiling in  
sodium citrate buffer (pH6.0) for 15min; Block  
endogenous peroxidase by 3% hydrogen  
peroxide for 20 minutes; Blocking buffer (normal  
goat serum) at 37°C for 30min; Antibody  
incubation with (CDCA2) Polyclonal Antibody,  
Unconjugated (bs-7786R) at 1:200 overnight at  
4°C, followed by operating according to SP  
Kit(Rabbit) (sp-0023) instructions and DAB  
staining.



Tissue/cell: human gastric carcinoma; 4%  
Paraformaldehyde-fixed and paraffin-  
embedded; Antigen retrieval: citrate buffer (  
0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
endogenous peroxidase by 3% Hydrogen  
peroxide for 30min; Blocking buffer (normal goat  
serum,C-0005) at 37°C for 20 min; Incubation:  
Anti-CDCA2 Polyclonal Antibody,

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Unconjugated(bs-7786R) 1:200, overnight at 4°C,  
followed by conjugation to the secondary  
antibody(SP-0023) and DAB(C-0010) staining

## — SELECTED CITATIONS —

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- **[IF=2.9]** Wei Ding. et al. Roles of the CDCA gene family in breast carcinoma. SCI PROGRESS-UK. ;(): WB,IHC ;Human.  
39814554