

bs-7894R**[Primary Antibody]****CDCA3 Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 83461	SWISS: Q99618	IHC-F (1:100-500)
Target: CDCA3		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human CDCA3: 201-268/268.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat)
Concentration: 1mg/ml		Predicted MW.: 29 kDa
Storage: 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.		Subcellular Location: Cytoplasm
Background: CDCA3 (Cell division cycle associated 3) is an F-box-like protein which is required for entry into mitosis. It is associated with SKP1 as part of a SCF (SKP1-cullin-F-box) protein ligase complex, and is required for the ubiquitination and degradation of the CDK1 inhibitory tyrosine kinase WEE1 at G2/M phase.		

— SELECTED CITATIONS —

- **[IF=5.7]** Zhou Mingxuan. et al. Identification of immune-related genes and small-molecule drugs in hypertension-induced left ventricular hypertrophy based on machine learning algorithms and molecular docking. FRONT IMMUNOL. 2024 Jun;15: IF, WB ; Mouse. 10.3389/fimmu.2024.1351945
- **[IF=3.58]** Wang, Qi, et al. "Methamphetamine induces hepatotoxicity via inhibiting cell division, arresting cell cycle and activating apoptosis: In vivo and in vitro studies." Food and Chemical Toxicology (2017). WB ; Rat. 28341135
- **[IF=2.9]** Wei Ding. et al. Roles of the CDCA gene family in breast carcinoma. SCI PROGRESS-UK. (;): WB, IHC ; Human. 39814554