

**bs-7894R**

**[ Primary Antibody ]**

## CDCA3 Rabbit pAb



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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat)  <b>Predicted MW.:</b> 29 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 83461	<b>SWISS:</b> Q99618	
<b>Target:</b> CDCA3		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CDCA3: 201-268/268.		
<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> 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