

**bs-7895R****[ Primary Antibody ]****DBF4A 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, Rabbit, Pig, Sheep, Cow, Horse)  <b>Predicted MW.:</b> 77 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 10926	<b>SWISS:</b> Q9UBU7	
<b>Target:</b> DBF4A		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DBF4A: 21-110/674.		
<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> Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role in DNA replication and cell proliferation. Required for progression of S phase. The complex CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is involved in regulating the initiation of DNA replication during cell cycle. Tissue specificity: Highly expressed in testis and thymus. Expressed also in most cancer cells lines.		

**— SELECTED CITATIONS —**

- **[IF=1.7]** Liuyan Chen. et al.Clinical significance and pro-oncogenic function of DBF4 in clear cell renal cell carcinoma.BMC UROLOGY.2025 Jan 16;25(1):8. Ihc ;Human. 39815239