

---

## DBF4A Rabbit pAb

Catalog Number: bs-7895R

Target Protein: DBF4A

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Horse)

Predicted MW: 77 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 10926

Swiss Prot: Q9UBU7

Source: KLH conjugated synthetic peptide derived from human DBF4A: 21-110/674.

Purification: affinity purified by Protein A

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.

**Background:** 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.

### PRODUCT SPECIFIC PUBLICATIONS

---

[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