

# DBF4 Rabbit mAb

Catalog # AP75342

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9UBU7</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	76858

## Additional Information

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<b>Gene ID</b>	10926
<b>Other Names</b>	DBF4
<b>Dilution</b>	WB~~1:2000-1:5000
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	DBF4
<b>Synonyms</b>	ASK, DBF4A, ZDBF1
<b>Function</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.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	Highly expressed in testis and thymus. Expressed also in most cancer cells lines.

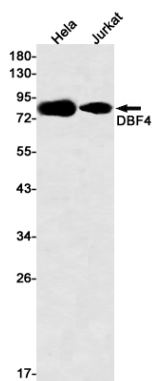
## Background

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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.

## Images

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Western blot analysis of DBF4 in HeLa, Jurkat lysates using DBF4 antibody.

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