

**DBF4B (aa193-207) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3529a

**Specification**

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**DBF4B (aa193-207) Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">Q8NFT6</a>
Other Accession	<a href="#">NP_663696.1</a> , <a href="#">NP_079380.1</a> , <a href="#">80174</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	67243

**DBF4B (aa193-207) Antibody (internal region) - Additional Information**

**Gene ID** 80174

**Other Names**

Protein DBF4 homolog B, Activator of S phase kinase-like protein 1, ASK-like protein 1, Chiffon homolog B, Dbf4-related factor 1, DBF4B, ASKL1, DRF1

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DBF4B (aa193-207) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**DBF4B (aa193-207) Antibody (internal region) - Protein Information**

**Name** DBF4B

**Synonyms** ASKL1, DRF1

**Function**

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 and M phases. The complex CDC7-DBF4B selectively phosphorylates MCM2 subunit at 'Ser-40' and then is involved in regulating the initiation of DNA replication during cell cycle.

**Cellular Location**

Nucleus. Note=Predominantly found in soluble fraction but not in the chromatin-bound fraction

**Tissue Location**

Widely expressed. Highly expressed in testis.

**DBF4B (aa193-207) Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DBF4B (aa193-207) Antibody (internal region) - Images****DBF4B (aa193-207) Antibody (internal region) - Background**

This antibody is expected to recognize both reported isoforms.

**DBF4B (aa193-207) Antibody (internal region) - References**

The role of Dbf4/Drf1-dependent kinase Cdc7 in DNA-damage checkpoint control. Tsuji T, Lau E, Chiang GG, Jiang W. Mol Cell. 2008 Dec 26;32(6):862-9. PMID: 19111665