10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DBF4B (aa193-207) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3529a

Specification

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

Application	**E**
Primary Accession	Q8NFT6
Other Accession	NP_663696.1, NP_079380.1, 80174
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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- 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