10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

# Dbf4 Polyclonal Antibody
**Catalog # AP69478**

## Specification

### Dbf4 Polyclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC-P** |
| Primary Accession | Q9UBU7 |
| Reactivity | **Human, Mouse, Monkey** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |

### Dbf4 Polyclonal Antibody - Additional Information

**Gene ID** 10926

**Other Names**
DBF4; ASK; DBF4A; ZDBF1; Protein DBF4 homolog A; Activator of S phase kinase; Chiffon homolog A; DBF4-type zinc finger-containing protein 1

**Dilution**
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
IHC-P~~N/A

**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**
-20℃

### Dbf4 Polyclonal Antibody - Protein Information

**Name** DBF4

**Synonyms** ASK, DBF4A, ZDBF1

**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 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.

**Cellular Location**
Nucleus.

**Tissue Location**
Highly expressed in testis and thymus. Expressed also in most cancer cells lines.

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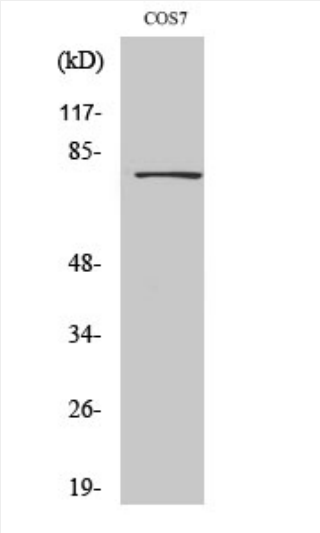
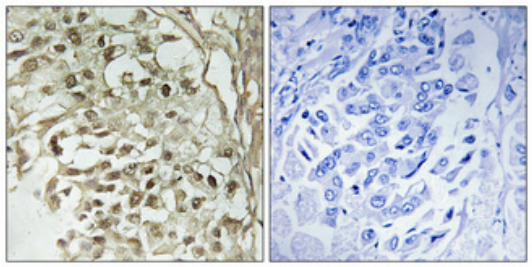
## Dbf4 Polyclonal Antibody - Protocols

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

## Dbf4 Polyclonal Antibody - Images



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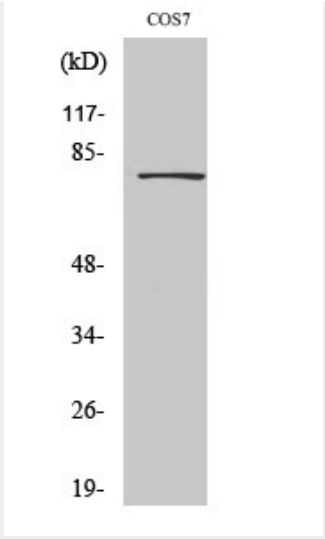


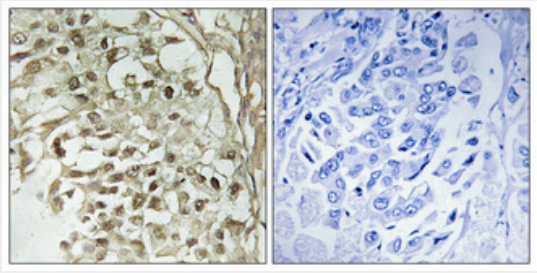

**Dbf4 Polyclonal Antibody - Background**

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.