

Dbf4 Polyclonal Antibody
Catalog # AP69478

Specification

Dbf4 Polyclonal Antibody - Product Information

Application	WB
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.

Format

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

Storage Conditions

-20°C

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

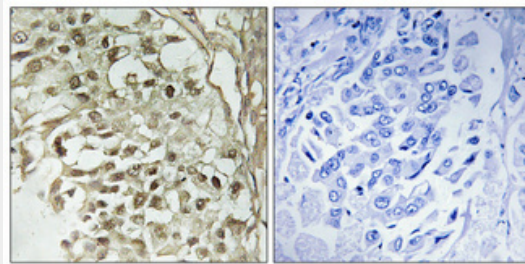
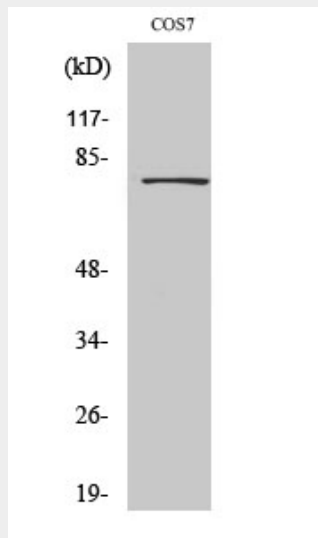
Highly expressed in testis and thymus. Expressed also in most cancer cells lines.

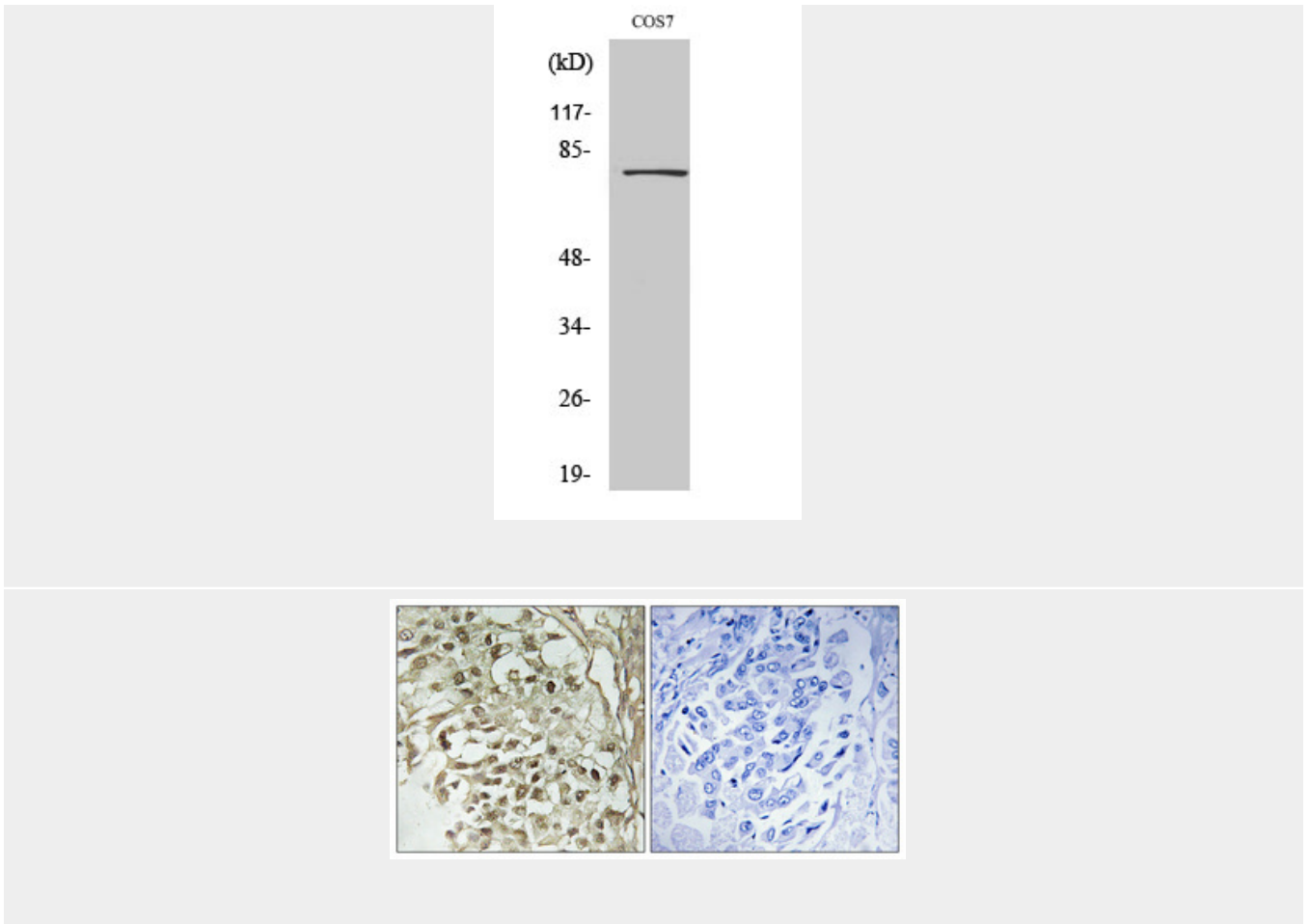
Dbf4 Polyclonal Antibody - Protocols

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

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

Dbf4 Polyclonal Antibody - Images





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.