

Cdc7 Polyclonal Antibody
Catalog # AP69001**Specification**

Cdc7 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O00311
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Cdc7 Polyclonal Antibody - Additional Information**Gene ID** 8317**Other Names**

CDC7; CDC7L1; Cell division cycle 7-related protein kinase; CDC7-related kinase; HsCdc7; huCdc7

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. 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

Cdc7 Polyclonal Antibody - Protein Information**Name** CDC7 ([HGNC:1745](#))**Synonyms** CDC7L1**Function**

Kinase involved in initiation of DNA replication. Phosphorylates critical substrates that regulate the G1/S phase transition and initiation of DNA replication, such as MCM proteins and CLASPIN.

Cellular Location

Nucleus.

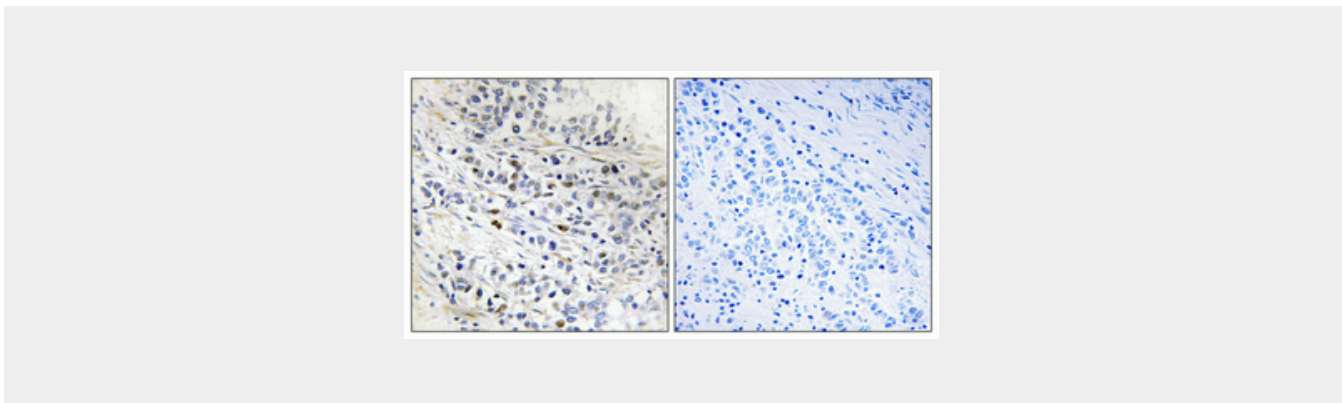
Cdc7 Polyclonal Antibody - Protocols

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](#)

Cdc7 Polyclonal Antibody - Images



Cdc7 Polyclonal Antibody - Background

Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylates MCM2 and MCM3.