

CDC7 Antibody (Kinase Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10921

Specification

CDC7 Antibody (Kinase Domain) - Product Information

Application	IHC
Primary Accession	O00311
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

CDC7 Antibody (Kinase Domain) - Additional Information

Gene ID 8317

Other Names

Cell division cycle 7-related protein kinase, CDC7-related kinase, HsCdc7, huCdc7, 2.7.11.1, CDC7, CDC7L1

Target/Specificity

Human CDC7. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CDC7 Antibody (Kinase Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

CDC7 Antibody (Kinase Domain) - 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.

Volume

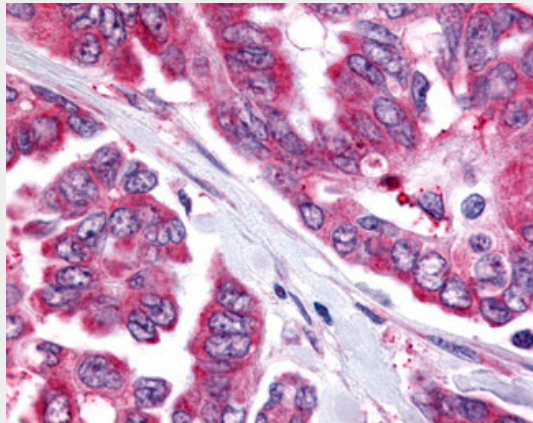
50 µl

CDC7 Antibody (Kinase Domain) - 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 Antibody (Kinase Domain) - Images



Anti-CDC7 antibody IHC of human Ovary, Carcinoma.

CDC7 Antibody (Kinase Domain) - Background

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

CDC7 Antibody (Kinase Domain) - References

- Sato N., et al. EMBO J. 16:4340-4351(1997).
Hess G.F., et al. Gene 211:133-140(1998).
Jiang W., et al. Proc. Natl. Acad. Sci. U.S.A. 94:14320-14325(1997).
Gregory S.G., et al. Nature 441:315-321(2006).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.