

CDT1/DUP Rabbit pAb
Catalog # AP53528**Specification**

CDT1/DUP Rabbit pAb - Product Information

Application	WB, IHC, FC, IP
Primary Accession	Q9H211
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	60390

CDT1/DUP Rabbit pAb - Additional Information**Gene ID** 81620**Other Names**DNA replication factor Cdt1, Double parked homolog, DUP, CDT1
{ECO:0000312|EMBL:AAG45181.1}**Dilution**WB~~1:1000
IHC~~1:100~500
FC~~1:10~50
IP~~N/A**CDT1/DUP Rabbit pAb - Protein Information****Name** CDT1 {ECO:0000312|EMBL:AAG45181.1}**Function**

Required for both DNA replication and mitosis (PubMed:11125146, PubMed:14993212, PubMed:21856198, PubMed:22581055, PubMed:26842564). DNA replication licensing factor, required for pre- replication complex assembly. Cooperates with CDC6 and the origin recognition complex (ORC) during G1 phase of the cell cycle to promote the loading of the mini-chromosome maintenance (MCM) complex onto DNA to generate pre-replication complexes (pre-RC) (PubMed:14672932). Required also for mitosis by promoting stable kinetochore-microtubule attachments (PubMed:22581055). Potential oncogene (By similarity).

Cellular Location

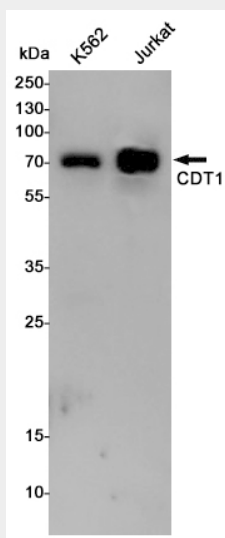
Nucleus. Chromosome, centromere, kinetochore. Note=Transiently localizes to kinetochores during prometaphase and metaphase

CDT1/DUP Rabbit pAb - 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](#)

CDT1/DUP Rabbit pAb - Images



Western blot detection of CDT1 in K562, Jurkat cell lysates using CDT1 Rabbit pAb(1:1000 diluted). Predicted band size: 60 kDa. Observed band size: 65 kDa.

CDT1/DUP Rabbit pAb - Background

Swiss-Prot Acc.Q9H211.