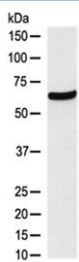


CDT1 Antibody [clone BO-3] (RQ4487)

Catalog No.	Formulation	Size
RQ4487	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	BO-3
Purity	Protein A affinity
UniProt	Q9H211
Applications	Western Blot : 1:500-1:1000
Limitations	This CDT1 antibody is available for research use only.



Western blot testing of human HEK293 lysate with CDT1 antibody at 0.5ug/ml. Predicted molecular weight ~60 kDa, commonly observed at 60-70 kDa.

Description

Required for both DNA replication and mitosis. 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). Required also for mitosis by promoting stable kinetochore-microtubule attachments. [UniProt]

Application Notes

Optimal dilution of the CDT1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide from human CDT1 was used as the immunogen for the CDT1 antibody.

Storage

Store the CDT1 antibody at -20oC.