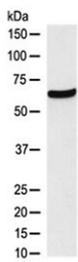


CDT1 Antibody [clone BO-3] (RQ4487)

| 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 |
| Host | Rabbit |
| 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.