

Recombinant

DGRmAb®

**CDT2 (DGR14659) Rabbit mAb (PBS Only)**

db11733-PBS

Package : 100µg

**Product Name :** CDT2 (DGR14659) Rabbit mAb (PBS Only)**Cat.No.:** db11733-PBS**Synonyms :** CDT2; RAMP; DCAF2; L2DTL**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

Substrate-specific adapter of a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex required for cell cycle control, DNA damage response and translesion DNA synthesis. The DCX(DTL) complex, also named CRL4(CDT2) complex, mediates the polyubiquitination and subsequent degradation of CDT1, CDKN1A/p21(CIP1), FBXO18/FBH1 and KMT5A (PubMed:16861906, PubMed:16949367, PubMed:16964240, PubMed:17085480, PubMed:18703516, PubMed:18794347, PubMed:18794348, PubMed:19332548, PubMed:20129063, PubMed:23478441, PubMed:23478445, PubMed:23677613). CDT1 degradation in response to DNA damage is necessary to ensure proper cell cycle regulation of DNA replication (PubMed:16861906, PubMed:16949367, PubMed:17085480). CDKN1A/p21(CIP1) degradation during S phase or following UV irradiation is essential to control replication licensing (PubMed:18794348, PubMed:19332548).

**Immunogen**

Recombinant protein of human CDT2

**Gene ID**

51514

**Swiss Prot**

Q9NZJ0

**Synonyms**

CDT2; RAMP; DCAF2; L2DTL

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:2000-1:20000

IHC-P: 1:100

ICC/IF: 1:100

FC: 1:200

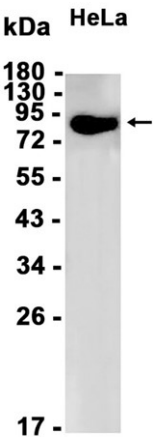
**Calculated MW**

80 kDa

**Observed MW**

80 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14659
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using [db11733](#)