

Datasheet for ABIN2782560

anti-CDT2/RAMP antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CDT2/RAMP (DTL)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDT2/RAMP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DTL
Sequence:	VNQISGAHNT SDKQTPSKPK KKQNSKGLAP SVDFQQSVTV VLFQDENTLV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DTL. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CDT2/RAMP (DTL)
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Target Details

Alternative Name:	DTL (DTL Products)
Background:	<p>DTL is required for CDT1 proteolysis in response to DNA damage through the CUL4-DDB1 E3 ubiquitin-protein ligase. It seems to be necessary to ensure proper cell cycle regulation of DNA replication. DTL may function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. It also may play a role in cell proliferation of NT2 embryonal carcinoma cells.</p> <p>Alias Symbols: CDT2, DCAF2, L2DTL, RAMP</p> <p>Protein Interaction Partner: FBXO11, YWHAQ, CUL4A, YWHAZ, YWHAH, YWHAG, YWHAE, YWHAB, UBE2D1, UBC, PCNA, SFN, DDB1, FBXO18, CDT1, CUL4B, TDG, LYN, SHPRH, RAD18, COPS5, HLTf, CHEK1, CFTR, CDKN1A, DDA1, COPS4, COPS6, TOB1, COPS3, TUBG1, ATR, AURKB, TP53, MDM2, MSH2, MSH6, KAT2A, Dtl, S</p> <p>Protein Size: 730</p>
Molecular Weight:	79 kDa
Gene ID:	51514
NCBI Accession:	NM_016448 , NP_057532
UniProt:	Q9NZJ0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 730 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DTL Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721_B cell lysate DTL is supported by BioGPS gene expression data to be expressed in 721_B