

CDT1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (ARLAHQTRAEEGL) corresponding to the C-terminus amino acids of CDT1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10985522

Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-

Product Specific Information

This antibody is tested in Peptide ELISA: antibody detection limit dilution 64,000.

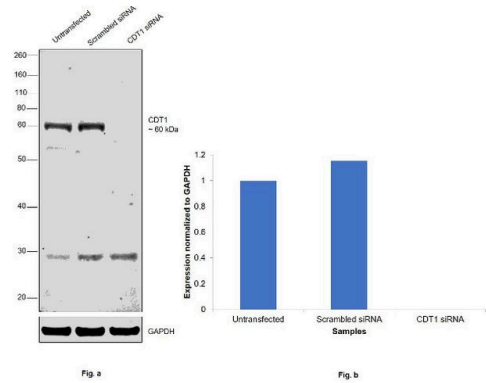
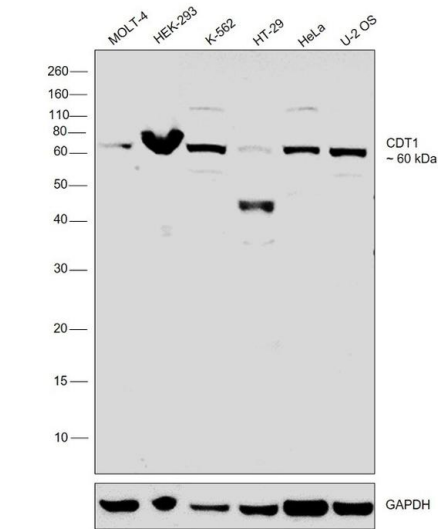
Product Images For CDT1 Polyclonal Antibody

CDT1 Antibody (PA5-18088) in WB

Western blot was performed using Anti-CDT1 Polyclonal Antibody (Product # PA5-18088) and a 60 kDa band corresponding to CDT1 was observed across cell lines tested. Whole cell extracts (30 µg lysate) of MOLT-4 (Lane 1), HEK-293 (Lane 2), K-562 (Lane 3), HT-29 (Lane 4), HeLa (Lane 5) and U-2 OS (Lane 6) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (2 µg/mL) and detected by chemiluminescence with Rabbit anti-Goat IgG Heavy Chain Superclonal™ Secondary Antibody, HRP (Product # A27014, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

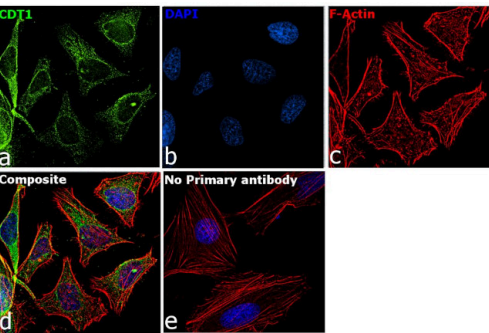
CDT1 Antibody (PA5-18088)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U-2 OS cells were transfected with CDT1 siRNA and reduction of signal was observed in Western Blot using CDT1 Polyclonal Antibody (Product # PA5-18088). {KD}



CDT1 Antibody (PA5-18088) in ICC/IF

Immunofluorescence analysis of CDT1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with CDT1 Polyclonal Antibody (Product # PA5-18088) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A-11078) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e represents cells with no primary antibody to assess background. The images were captured at 60X magnification.



View more figures on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

