

For Research Use Only

CDAN1 Polyclonal antibody

Catalog Number: 17597-1-AP **1 Publications**



Basic Information

Catalog Number: 17597-1-AP	GenBank Accession Number: BC066640	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 146059	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: congenital dyserythropoietic anemia, type I	IF 1:20-1:200
Isotype: IgG	Calculated MW: 1227 aa, 134 kDa	
Immunogen Catalog Number: AG11589	Observed MW: 130 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls: WB : HeLa cells, K-562 cells
Cited Applications: WB	IP : K-562 cells,
Species Specificity: human, mouse	IF : HeLa cells,
Cited Species: human	

Background Information

CDAN1 acts as a negative regulator of ASF1 in chromatin assembly. It appears to play a role in nuclear envelope integrity, possibly related to microtubule attachments. Mutations of CDAN1 cause congenital dyserythropoietic anemia type I, a disease resulting in morphological and functional abnormalities of erythropoiesis. There're some isoforms this gene.

Notable Publications

Author	Pubmed ID	Journal	Application
Maithili Shroff	32239177	Biochem J	WB

Storage

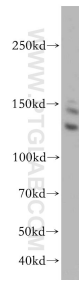
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

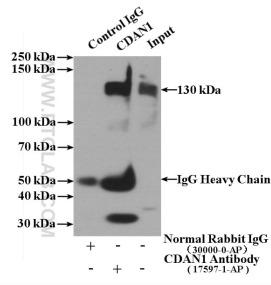
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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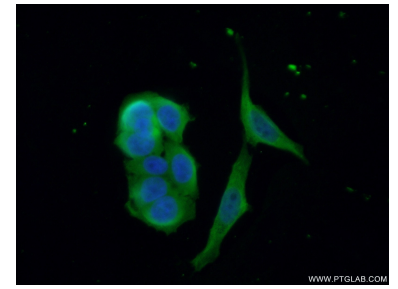
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17597-1-AP (CDAN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-CDAN1 (IP:17597-1-AP, 4ug; Detection:17597-1-AP 1:500) with K-562 cells lysate 3200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17597-1-AP (CDAN1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).