

For Research Use Only

CDAN1 Polyclonal antibody

Catalog Number: 17597-1-AP

1 Publications



Basic Information

Catalog Number:

17597-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11589

GenBank Accession Number:

BC066640

GeneID (NCBI):

146059

UNIPROT ID:

Q8IWI9

Full Name:

congenital dyserythropoietic anemia, type I

Calculated MW:

1227 aa, 134 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : HeLa cells, K-562 cells

IP : K-562 cells,

IF/ICC : HeLa cells,

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

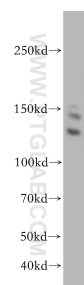
For technical support and original validation data for this product please contact:

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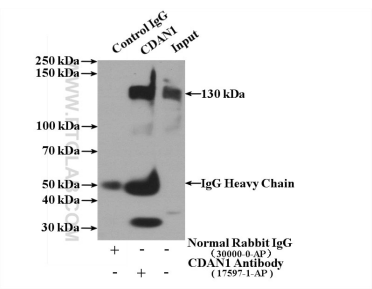
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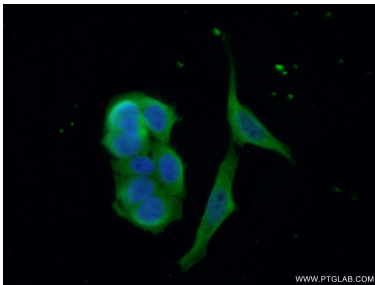
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L).