

For Research Use Only

CHD2 Polyclonal antibody

Catalog Number: 12311-1-AP

3 Publications



Basic Information

Catalog Number:

12311-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2960

GenBank Accession Number:

BC020810

GeneID (NCBI):

1106

UNIPROT ID:

O14647

Full Name:

chromodomain helicase DNA binding protein 2

Calculated MW:

1828 aa, 211 kDa

Observed MW:

95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, rat

Cited Species:

human, rat

Positive Controls:

WB : human placenta tissue,

IP : human placenta tissue,

IHC : human lymphoma tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Chromodomain-helicase-DNA-binding protein 2, also named as ATP-dependent helicase CHD2, CHD2. It is a sequence-selective DNA-binding protein. Molecular mass of CHD2 is 211kD (201kd for isoform 2, 57kd for isoform 3). CHD2 is confirmed around 95 kDa at the undifferentiated stage. This clearly indicated that CHD2 was involved in specific gene expression at this stage.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhixiong Liu	30876848	Neuron	WB
Minbo Zhang	35891648	PeerJ	WB
Xu Zhang	38767413	Cancer Discov	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

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

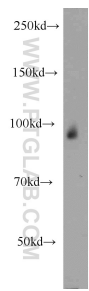
T: 4006900926

E: Proteintech-CN@ptglab.com

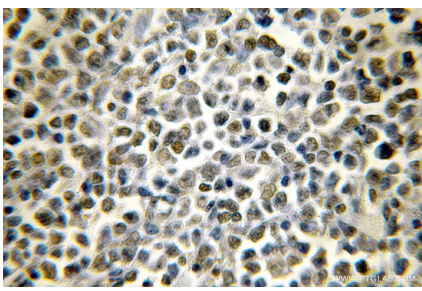
W: ptgcn.com

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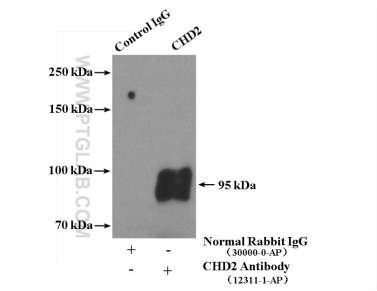
Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 12311-1-AP (CHD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 12311-1-AP (CHD2 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-CHD2 (IP:12311-1-AP, 4ug; Detection:12311-1-AP 1:300) with human placenta tissue lysate 4000ug.