

For Research Use Only

CNOT9 Polyclonal antibody, PBS Only

Catalog Number: 22503-1-PBS

Featured Product



Basic Information

Catalog Number:

22503-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18197

GenBank Accession Number:

BC007102

GeneID (NCBI):

9125

UNIPROT ID:

Q92600

Full Name:

RCD1 required for cell differentiation1 homolog (S. pombe)

Calculated MW:

299 aa, 34 kDa

Observed MW:

30-40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RQCD1, also known as CNOT9, is a highly conserved transcriptional cofactor predominantly expressed in actively differentiating tissues like testis and thymus. It is a component of the CCR4-NOT complex, the major effector complex in miRNA-mediated gene silencing. Overexpression of RQCD1 has been reported in several tumors, indicating that it may be a potential molecular target for cancer treatment.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

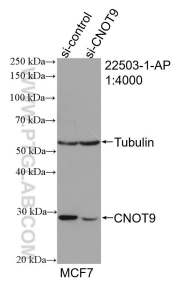
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

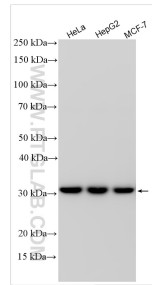
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



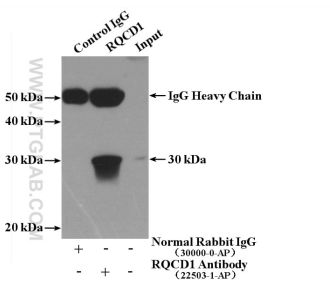
WB result of CNOT9 antibody (22503-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNOT9 transfected MCF-7 cells. This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 22503-1-AP (CNOT9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



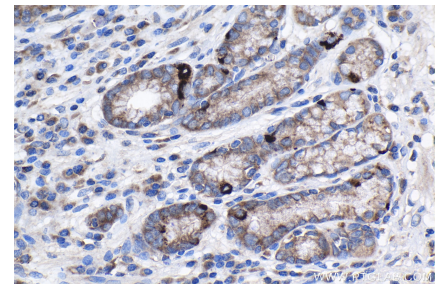
mouse thymus tissue were subjected to SDS PAGE followed by western blot with 22503-1-AP (RQCD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



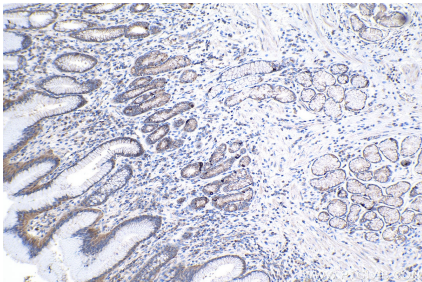
IP result of anti-CNOT9 (IP:22503-1-AP, 4ug; Detection:22503-1-AP 1:1000) with MCF-7 cells lysate 1280ug. This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



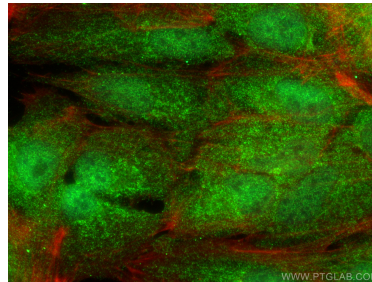
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CNOT9 antibody (22503-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 22503-1-AP (CNOT9 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 22503-1-AP (CNOT9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using CNOT9 antibody (22503-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 22503-1-PBS in a different storage buffer formulation.