

For Research Use Only

CCDC12 Polyclonal antibody

Catalog Number: 25138-1-AP



Basic Information

Catalog Number:

25138-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18223

GenBank Accession Number:

BC020830

GeneID (NCBI):

151903

UNIPROT ID:

Q8WUD4

Full Name:

coiled-coil domain containing 12

Calculated MW:

166 aa, 19 kDa

Observed MW:

18-25 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

IHC 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human

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

Positive Controls:

WB : HeLa cells, Raji cells

IP : HeLa cells,

IHC : human ovary tumor tissue,

IF/ICC : HeLa cells,

Background Information

CCDC12 is a 166aa protein with MW 18-25 kDa (with some modification).

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

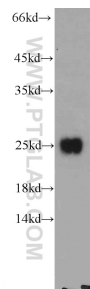
For technical support and original validation data for this product please contact:

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

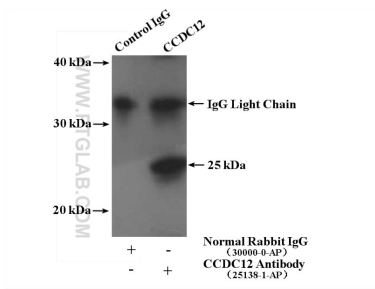
E: proteintech@ptglab.com
W: ptglab.com

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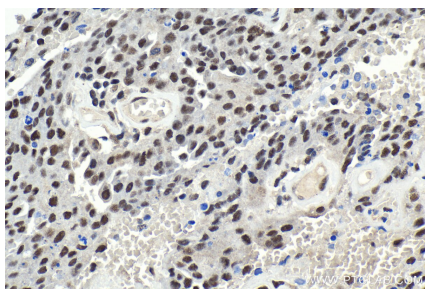
Selected Validation Data



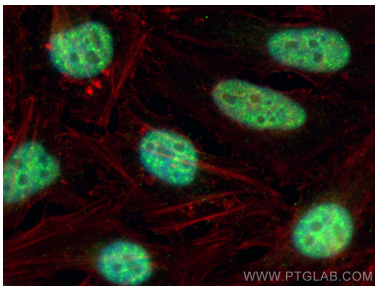
HeLa cells were subjected to SDS PAGE followed by western blot with 25138-1-AP (CCDC12 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



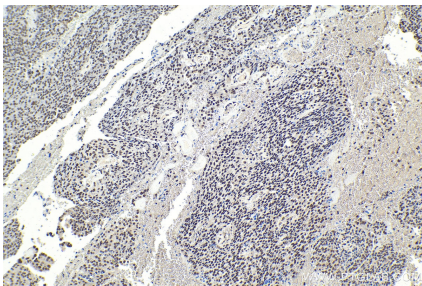
IP result of anti-CCDC12 (IP:25138-1-AP, 4ug; Detection:25138-1-AP 1:600) with HeLa cells lysate 2560ug.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 25138-1-AP (CCDC12 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CCDC12 antibody (25138-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 25138-1-AP (CCDC12 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).