

For Research Use Only

CPLX4 Polyclonal antibody

Catalog Number: 21222-1-AP

Featured Product



Basic Information

Catalog Number:

21222-1-AP

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15661

GenBank Accession Number:

BC106887

GeneID (NCBI):

339302

UNIPROT ID:

Q7Z7G2

Full Name:

complexin 4

Calculated MW:

160 aa, 18 kDa

Observed MW:

21-23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:50-1:500

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF-P, IP, ELISA

Species Specificity:

human, mouse, rat

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 : Y79 cells,

IP : Y79 cells,

IHC : mouse eye tissue, human brain tissue, rat eye tissue

IF-P : rat eye tissue,

Background Information

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:

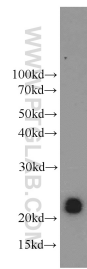
T: 4006900926

E: Proteintech-CN@ptglab.com

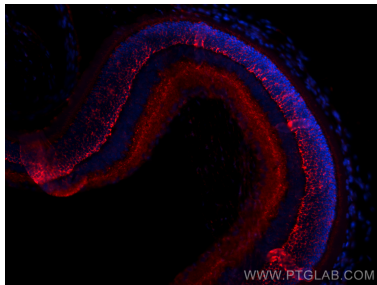
W: ptgcn.com

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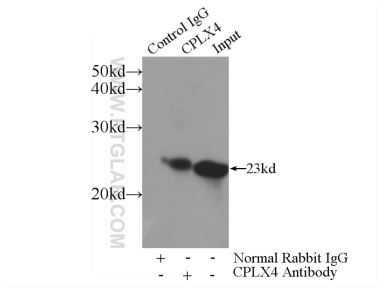
Selected Validation Data



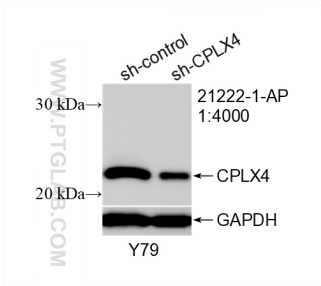
Y79 cells were subjected to SDS PAGE followed by western blot with 21222-1-AP (CPLX4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



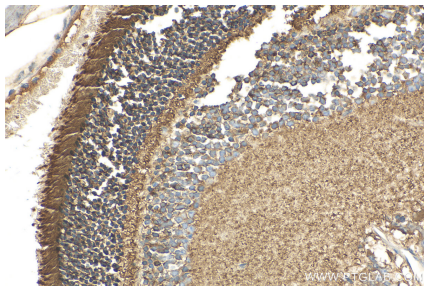
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat eye tissue using CPLX4 antibody (21222-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



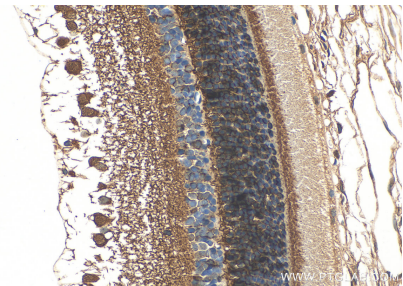
IP result of anti-CPLX4 (IP:21222-1-AP, 3ug; Detection:21222-1-AP 1:1000) with Y79 cells lysate 960ug.



WB result of CPLX4 antibody (21222-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-CPLX4 transfected Y79 cells.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 21222-1-AP (CPLX4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat eye tissue slide using 21222-1-AP (CPLX4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).