

For Research Use Only

WWC2 Polyclonal antibody

Catalog Number: 24750-1-AP

2 Publications



Basic Information

Catalog Number:

24750-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20479

GenBank Accession Number:

BC017957

GeneID (NCBI):

80014

UNIPROT ID:

Q6AWC2

Full Name:

WW and C2 domain containing 2

Calculated MW:

1192 aa, 134 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

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

IHC 1:20-1:200

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue,

IP : HEK-293 cells,

IHC : human kidney tissue, human testis tissue

IF/ICC : HEK-293 cells,

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

WWC2 also named as BOMB or WW and C2 domain containing 2 is 1192 amino acid protein, which contains 1 C2 domain and 2 WW domains. WWC2 localizes in cytoplasm and belongs to the WWC family. WWC2 exists as seven alternatively spliced isoforms and is encoded by a gene located on human chromosome 4q35.1. WWC2 may be expressed in liver, brain, prostate and kidney. The function of WWC2 is still non-known and need to be further studied.

Notable Publications

Author	Pubmed ID	Journal	Application
Feng Li	36484096	Nucleic Acids Res	WB
Hongmei Huang	38190957	Cell Signal	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

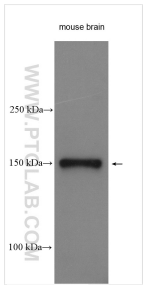
For technical support and original validation data for this product please contact:

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

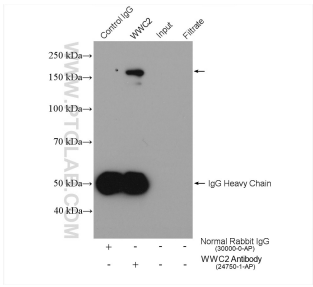
E: proteintech@ptglab.com
W: ptglab.com

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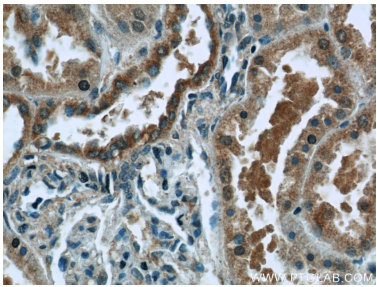
Selected Validation Data



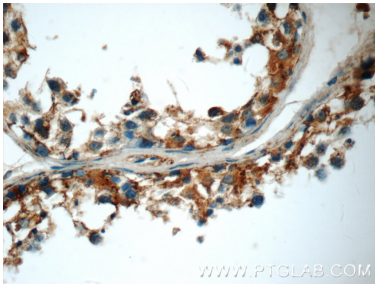
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24750-1-AP (WWC2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



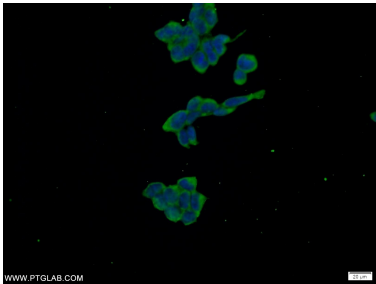
IP result of anti-WWC2 (IP:24750-1-AP, 4ug; Detection:24750-1-AP 1:500) with HEK-293 cells lysate 1360 ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24750-1-AP (WWC2 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24750-1-AP (WWC2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HEK-293 cells using 24750-1-AP (WWC2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).