

For Research Use Only

TTC9C Polyclonal antibody, PBS Only

Catalog Number: 31797-1-PBS

Featured Product



Basic Information

Catalog Number:

31797-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37081

GenBank Accession Number:

BC032123

GeneID (NCBI):

283237

UNIPROT ID:

Q8N5M4

Full Name:

tetratricopeptide repeat domain 9C

Observed MW:

22 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, Indirect ELISA

Species Specificity:

human, mouse

Background Information

TTC9 family belongs to tetratricopeptide repeat (TPR)-containing proteins family (PMID: 35949301). The TPR motifs are arranged in antiparallel α -helical hairpins which are clustered to form flexible grooved interfaces. Members in TRP-containing proteins family are involved in a diverse range of biological functions, including cell cycle control, transcription, protein folding, and steroid receptor signaling (PMID: 15497498; PMID: 10786835).

Storage

Storage:

Store at -80°C .

Storage Buffer:

PBS only, pH7.3

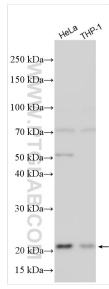
For technical support and original validation data for this product please contact:

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

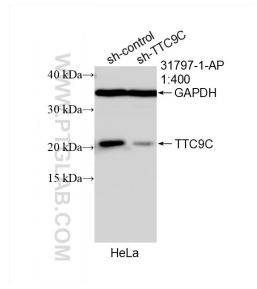
E: proteintech@ptglab.com
W: ptglab.com

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

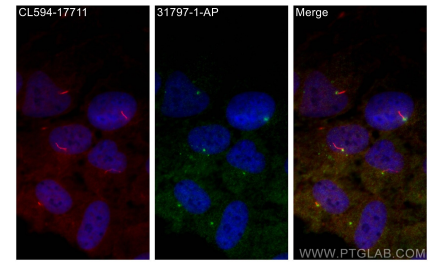
Selected Validation Data



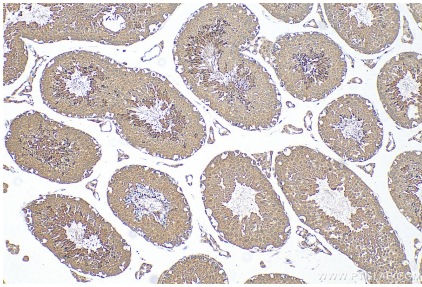
Various lysates were subjected to SDS PAGE followed by western blot with 31797-1-AP (TTC9C antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31797-1-PBS in a different storage buffer formulation.



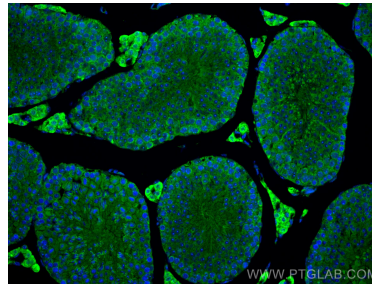
WB result of TTC9C antibody (31797-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-TTC9C transfected HeLa cells. This data was developed using the same antibody clone with 31797-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using TTC9C antibody (31797-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CoraLite® 594 ARL13B antibody (CL594-17711, red). This data was developed using the same antibody clone with 31797-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31797-1-AP (TTC9C antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31797-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using TTC9C antibody (31797-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31797-1-PBS in a different storage buffer formulation.