

For Research Use Only

# TTC9C Polyclonal antibody

Catalog Number: 31797-1-AP

Featured Product



## Basic Information

Catalog Number:

31797-1-AP

Concentration:

350 ug/ml

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

Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:50-1:500

IF-P: 1:200-1:800

IF/ICC: 1:50-1:500

## Applications

Tested Applications:

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

Species Specificity:

human, mouse

**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: THP-1 cells, HeLa cells

IHC: mouse testis tissue,

IF-P: mouse testis tissue,

IF/ICC: hTERT-RPE1 cells,

## Background Information

TTC9 family belongs to tetratricopeptide repeat (TPR)-containing proteins family (PMID: 35949301). The TPR motifs are arranged in antiparallel  $\alpha$ -helical hairpins which are clustered to form flexible grooved interfaces. Members in TPR-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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

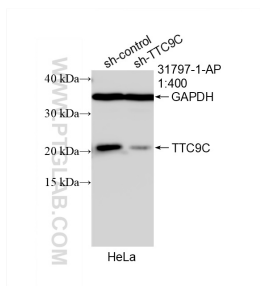
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

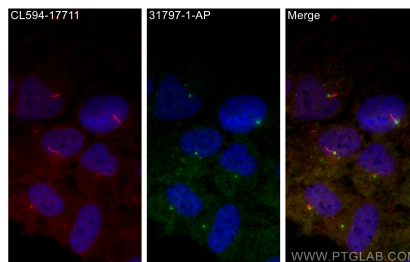
W: [ptgcn.com](http://ptgcn.com)

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

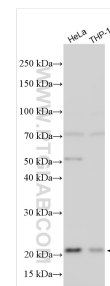
## Selected Validation Data



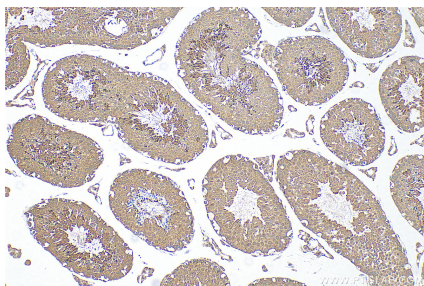
WB result of TTC9C antibody (31797-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-TTC9C transfected HeLa cells.



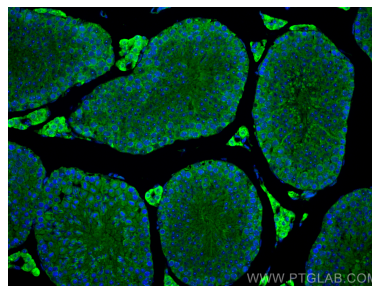
Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using TTC9C antibody (31797-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CoraLite® 594 ARL13B antibody (CL594-17711, red).



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.



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).



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).