

For Research Use Only

TTC9C Polyclonal antibody

Catalog Number: 31797-1-AP



Basic Information

Catalog Number: 31797-1-AP	GenBank Accession Number: BC032123	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop;	GeneID (NCBI): 283237	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q8N5M4	IHC 1:50-1:500
Isotype: IgG	Full Name: tetra(trico)peptide repeat domain 9C	IF-P 1:200-1:800
Immunogen Catalog Number: AG37081	Observed MW: 22 kDa	IF/ICC 1:50-1:500

Applications

Tested Applications: WB, IHC, IF/ICC, IF-P, ELISA	Positive Controls: WB : THP-1 cells, HeLa cells
Species Specificity: human, mouse	IHC : mouse testis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF-P : mouse testis tissue,
	IF/ICC : hTERT-RPE1 cells,

Background Information

TTC9 family belongs to tetra(trico)peptide 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

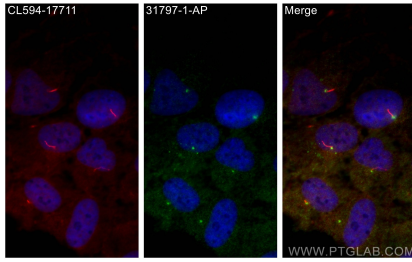
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

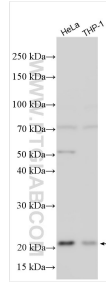
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

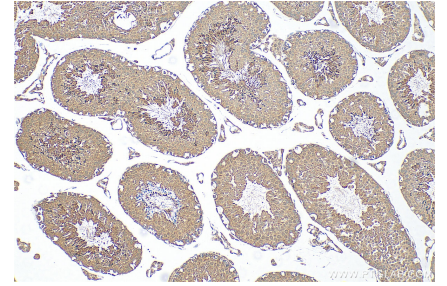
Selected Validation Data



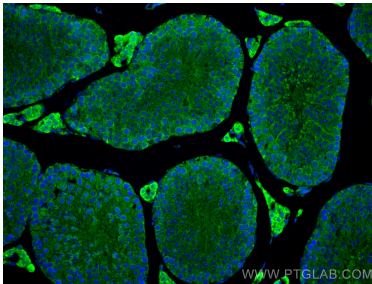
Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using TTC9C antibody (31797-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CoraLite®594 ARL13B antibody (CL594-17711, red).



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).