

For Research Use Only

TTC9C Recombinant antibody

Catalog Number: 84611-2-RR



Basic Information

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|--|--|---|
| Catalog Number: 84611-2-RR | GenBank Accession Number: BC032123 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 283237 | CloneNo.: 242061D12 |
| Source: Rabbit | UNIPROT ID: Q8N5M4 | Recommended Dilutions: WB 1:1000-1:8000 IHC 1:500-1:2000 |
| Isotype: IgG | Full Name: tetra tricopeptide repeat domain 9C | |
| Immunogen Catalog Number: AG37081 | Observed MW: 19-22 kDa | |

Applications

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|---|--|
| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: human, mouse | WB : THP-1 cells, mouse thymus tissue, mouse skin tissue, mouse stomach tissue, human kidney tissue, HeLa cells |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | IHC : mouse testis tissue, |

Background Information

TTC9 family belongs to tetra tricopeptide 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

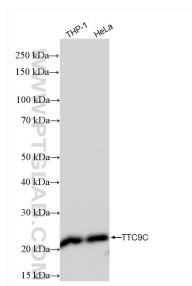
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

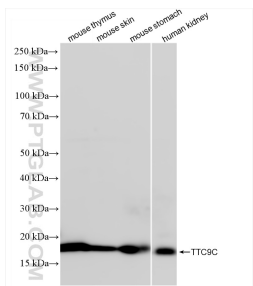
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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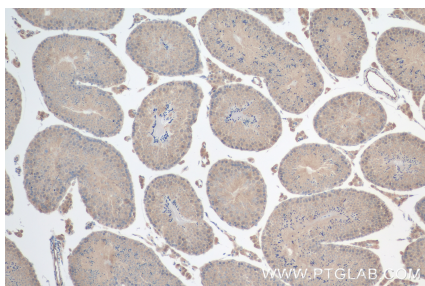
Selected Validation Data



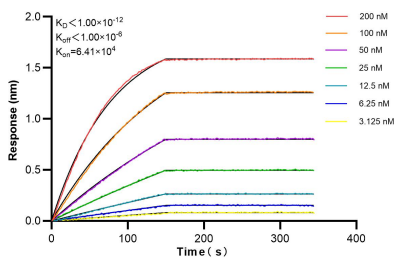
Various lysates were subjected to SDS PAGE followed by western blot with 84611-2-RR (TTC9C antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 84611-2-RR (TTC9C antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84611-2-RR against Human TTC9C were performed. The affinity constant is below 1 pM.