

For Research Use Only

TTC9C Recombinant antibody, PBS Only (Capture)

Catalog Number: 84611-2-PBS



Basic Information

| | | | | | |
|---------------------------|-------------|---------------------------|------------------------------------|----------------------|------------------------|
| Catalog Number: | 84611-2-PBS | GenBank Accession Number: | BC032123 | Purification Method: | Protein A purification |
| Size: | 1 mg/ml | GeneID (NCBI): | 283237 | CloneNo.: | 242061D12 |
| Source: | Rabbit | UNIPROT ID: | Q8N5M4 | | |
| Isotype: | IgG | Full Name: | tetratricopeptide repeat domain 9C | | |
| Immunogen Catalog Number: | AG37081 | Observed MW: | 19-22 kDa | | |

Applications

Tested Applications:
WB, IHC, Cytometric bead array, 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

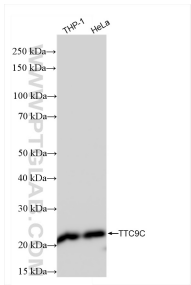
T: 4006900926

E: Proteintech-CN@ptglab.com

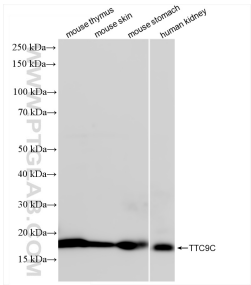
W: ptgcn.com

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

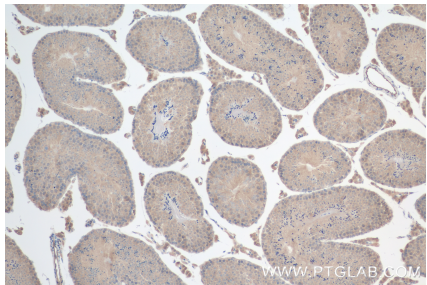
Selected Validation Data



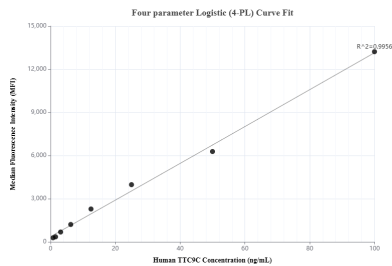
Various lysates were subjected to SDS PAGE followed by western blot with 84611-2-RR (TTC9C antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84611-2-PBS in a different storage buffer formulation.



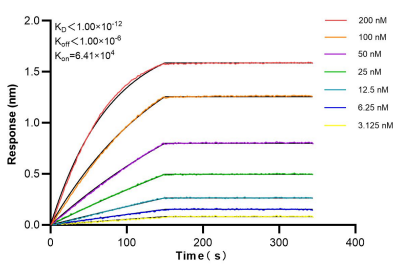
Various lysates were subjected to SDS PAGE followed by western blot with 84611-2-RR (TTC9C antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84611-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84611-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01448-1, TTC9C Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84611-2-PBS. Detection antibody: 84611-1-PBS. Standard: Ag37081. Range: 0.781-100 ng/mL.



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