BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-TTC5 Antibody

**Catalog Number:** A13808

## About TTC5

Tetratricopeptide repeat protein 5 (TTC5) is a member of a diverse group of functionally distinct proteins that are characterized by containing one or more tetratricopeptide repeats. Each motif consists of two anti-parallel a-helices such that tandem arrays of TPR motifs generate a right-handed helical structure with an amphipathic channel that may serve to accommodate the complementary region of a target protein. While the exact function of TTC5 remains unclear, it is thought that the TPR motifs serve to mediate protein-protein interactions such as those seen with protein chaperones HSP70 and HSP90 and some proteins involved in cell stress response signaling pathways such as protein phosphatase 5, suggesting that TTC5 may also function via protein-protein interactions mediated by its TPR motifs.

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## Overview

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|---|---|
| Product Name | Anti-TTC5 Antibody |
| Reactive Species | Human, Mouse |
| Description | Boster Bio Anti-TTC5 Antibody (Catalog # A13808). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | TTC5 Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | TTC5 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q8N0Z6 |

## Technical Details

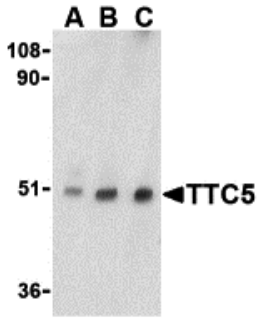
| | |
|---|---|
| Immunogen | TTC5 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human TTC5. The immunogen is located within the last 50 amino acids of TTC5. |
| Predicted Reactive Species | Bovine, Rat |

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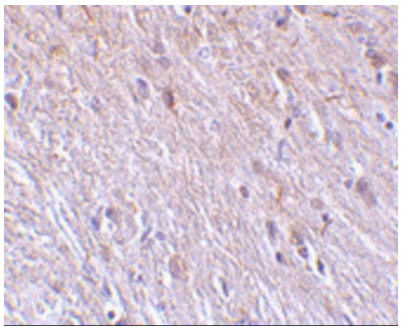
| | |
|---|---|
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | TTC5 Antibody is immunoaffinity purified IgG. |
| Suggested Dilutions | TTC5 antibody can be used for the detection of TTC5 by Western blot at 0.5 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL.<br>Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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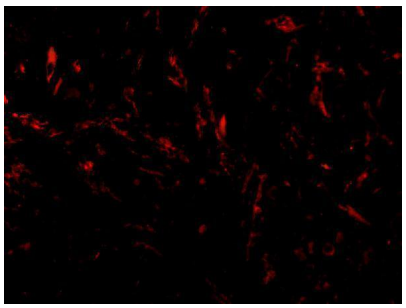
# Anti-TTC5 Antibody (A13808) Images




Western blot analysis of TTC5 in RAW264.7 cell lysate with TTC5 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.



Immunohistochemistry of TTC5 in mouse brain tissue with TTC5 antibody at 10 ug/mL.



Immunofluorescence of TTC5 in Mouse Brain cells with TTC5 antibody at 20 ug/mL.

Anti-TTC5 Antibody

For Research Use Only. Not for use in diagnostic procedures.