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Datasheet for ABIN6990410  
**anti-TTC5 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	TTC5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product 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.
Isotype:	IgG
Purification:	TTC5 Antibody is immunoaffinity purified IgG.

### Target Details

Target:	TTC5
Alternative Name:	TTC5 ( <a href="#">TTC5 Products</a> )
Background:	TTC5 Antibody: 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

## Target Details

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repeats. Each motif consists of two anti-parallel  $\alpha$ -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.

Gene ID: 91875

UniProt: [Q8N0Z6](#)

Pathways: [Chromatin Binding](#)

## Application Details

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Application Notes: TTC5 antibody can be used for the detection of TTC5 by Western blot at 0.5 - 2  $\mu$ g/mL. Antibody can also be used for immunohistochemistry starting at 10  $\mu$ g/mL. For immunofluorescence start at 20  $\mu$ g/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: TTC5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TTC5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.