

TTC5 Antibody

Catalog No: #24179

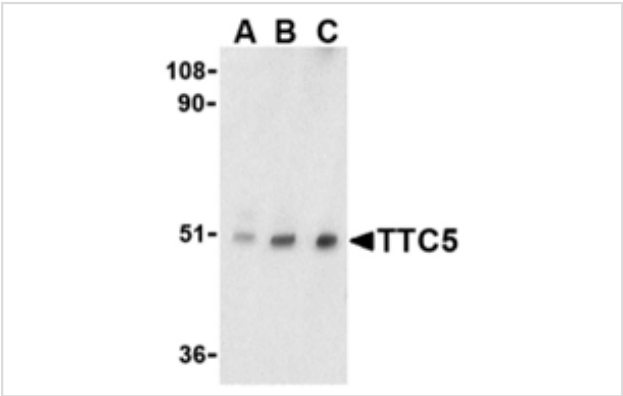


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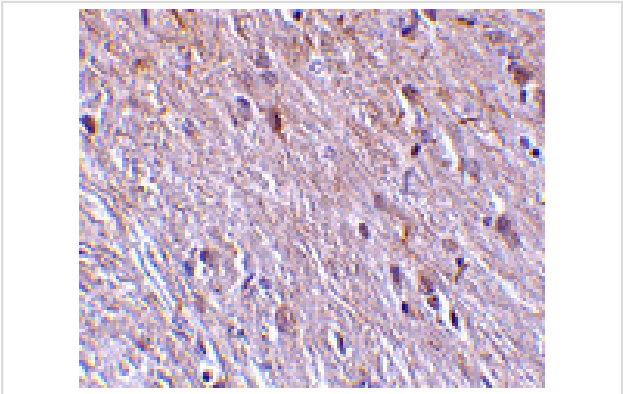
Description

Product Name	TTC5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunoaffinity purified IgG
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the carboxy terminus of human TTC5.
Target Name	TTC5
Other Names	Tetratricopeptide repeat protein 5, TPR repeat protein 5
Accession No.	Q8N0Z6
Uniprot	Q8N0Z6
GeneID	91875;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

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.

Background

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 α -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.

Note: This product is for in vitro research use only