

TTC5 Polyclonal Antibody

Catalog NumberPA5-20011

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	10 µg/mL
Type	Antibody	Western Blot (WB)	0.5-2 µg/mL
Immunogen	A 14 amino acid peptide from near the carboxy terminus of human TTC5.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is RAW264.7 cell lysate. PA5-20011 can be used with blocking peptide PEP-0310.

Background/Target Information

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.

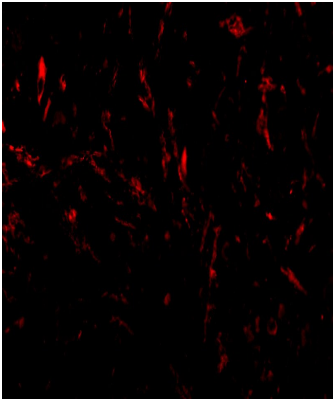
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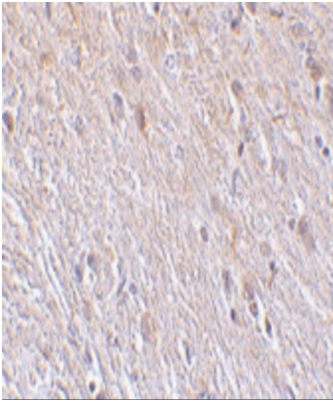
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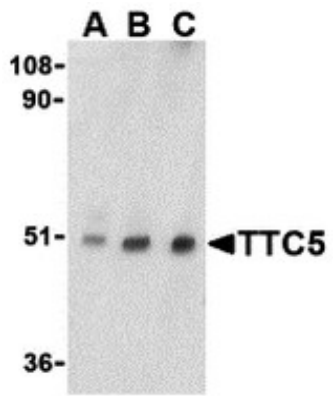
Product Images For TTC5 Polyclonal Antibody



TTC5 Antibody (PA5-20011) in ICC/IF
Immunofluorescence of TTC5 in Mouse Brain cells with TTC5 Polyclonal Antibody (Product # PA5-20011) at 20 µg /mL.



TTC5 Antibody (PA5-20011) in IHC
Immunohistochemistry of TTC5 in mouse brain tissue with TTC5 Polyclonal Antibody (Product # PA5-20011) at 10 µg /mL.



TTC5 Antibody (PA5-20011) in WB
Western Blot analysis of TTC5 in RAW264.7 cell lysate with TTC5 Polyclonal Antibody (Product # PA5-20011) at (A) 0.5, (B) 1 and (C) 2 µg/mL.

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