

Datasheet for ABIN501091
anti-TTC5 antibody (C-Term)[Go to Product page](#)

2 Images

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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TTC5 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human TTC5.
Isotype:	IgG
Specificity:	This antibody detects TTC5
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Affinity chromatography

Target Details

Target:	TTC5
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Target Details

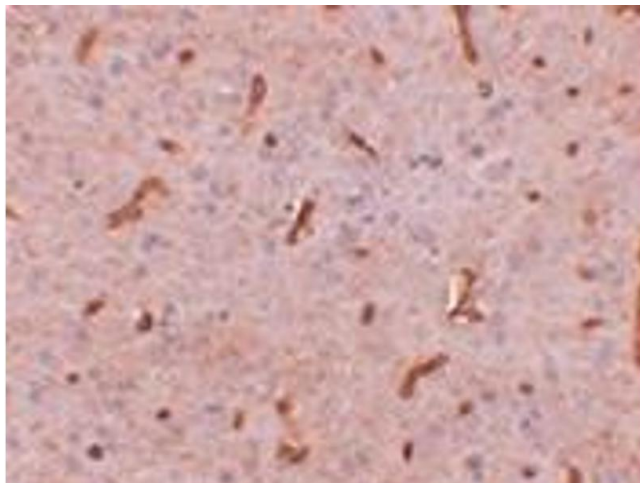
Alternative Name:	TTC5 (TTC5 Products)
Background:	<p>Tetratricopeptide repeat protein 5 (TTC5) is a member of a diverse group of functionally distinct proteins that are characterized by containing one or more tetratricopeptide repeats (1). Each motif consists of two anti-parallel α-helices such that 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 (2) and some proteins involved in cell stress response signaling pathways such as protein phosphatase 5 (3), suggesting that TTC5 may also function via protein-protein interactions mediated by its TPR motifs.</p> <p>Synonyms: TPR repeat protein 5, Tetratricopeptide repeat protein 5</p>
Gene ID:	91875
UniProt:	Q8N0Z6
Pathways:	Chromatin Binding

Application Details

Application Notes:	<p>ELISA. Western blot: 1 - 2 μg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

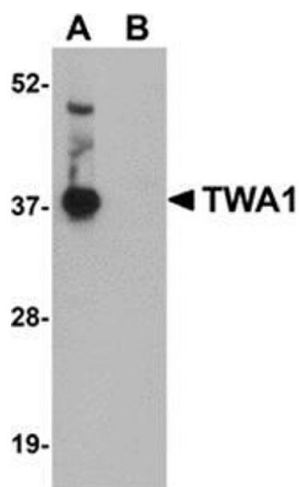
Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of TWA1 in rat brain tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of TWA1 in human brain tissue lysate with this product at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.