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Datasheet for ABIN1387658 anti-TTC21B antibody (AA 1221-1316)

Overview

Quantity:	100 µL
Target:	TTC21B
Binding Specificity:	AA 1221-1316
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTC21B antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TTC21B
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TTC21B
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Target Details

Alternative Name:	TTC21B (TTC21B Products)
Background:	<p>Synonyms: ATD4, JBTS11, Nbla10696, NPHP12, Putative protein product of Nbla10696, Tetratricopeptide repeat protein 21B, THM1, TPR repeat protein 21B, TT21B_HUMAN, Ttc21b.</p> <p>Background: The tetratricopeptide repeat (TPR) motif is a degenerate, 34 amino acid sequence found in many proteins and acts to mediate protein-protein interactions in various pathways. At the sequence level, there can be up to 16 tandem TPR repeats, each of which has a helix-turn-helix shape that stacks on other TPR repeats to achieve ligand binding specificity. TTC21B (tetratricopeptide repeat domain 21B), also known as THM1, is a 1,316 amino acid protein that contains 19 TPR repeats and belongs to the TTC21 family. Localizing to cytoplasm and cytoskeleton, TTC21B exists as two alternatively spliced isoforms and is thought to negatively regulate Shh signal transduction. TTC21B may also be involved in retrograde intraflagellar transport in cilia, and is encoded by a gene that maps to human chromosome 2q24.3.</p>
Gene ID:	79809
UniProt:	Q7Z4L5
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months