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## Datasheet for ABIN6972842 anti-WWTR1 antibody (C-Term)

Image



## Overview

Quantity:	100 µL
Target:	WWTR1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WWTR1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	TAZ / WWTR1 antibody was raised against a peptide corresponding to the C-terminal region of human TAZ / WWTR1.
Isotype:	lgG
Characteristics:	The TAZ / WWTR1 (Transcriptional coactivator with PDZ-binding motif, WW domain-containing
	transcription regulator protein 1) gene encodes a protein that is a transcriptional coactivator
	which acts as a downstream regulatory target in the Hippo signaling pathway that plays a
	pivotal role in organ size control and tumor suppression by restricting proliferation and
	promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein
	MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates
	LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and
	inactivates YAP1 oncoprotein and WWTR1/TAZ. WWTR1 enhances PAX8 and NKX2-1/TTF1-
	dependent gene activation. Regulates the nuclear accumulation of SMADS and has a key role in

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	coupling them to the transcriptional machinery such as the mediator complex. Regulates embryonic stem-cell self-renewal, promotes cell proliferation and epithelial-mesenchymal transition. TAZ / WWTR1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.
Purification:	Affinity Purified
Target Details	
Target:	WWTR1
Alternative Name:	TAZ / WWTR1 (WWTR1 Products)
Molecular Weight:	55 kDa
NCBI Accession:	NP_056287
Pathways:	Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
- "	

Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % 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	
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at - 20°C for up to 2 years. Keep all reagents on ice when not in storage.	

195	Western Blotting
<u> </u>	Image 1. TAZ / WWTR1 antibody (pAb) tested by Western
<b>9</b> 6	blot Nuclear extract of A-431 cells (30 $\mu$ g) probed with TAZ
<b>—</b> 71	/ WWTR1 antibody (1:500).
<b>—</b> 48	
33	
22	

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